



## Actuated Valves Actuated Valve Information

**Spears® Makes Valve Actuation Simple. . .**

### Sold in Pre-Matched Valve & Actuator Packages

Spears® makes actuation easy by matching each valve type and size with the appropriate actuator for proper operating torque and cycle time to assure optimum performance.

### Accessory Add-ons Provide Custom Actuation Configurations

Spears® Premium Actuation Packages can be fully customized to user specifications by addition of selected control accessories purchased separately. Select from our wide variety of accessories and options or contact Spears® for virtually any special actuation need, even if not specified.

### Complete Packages Factory Assembled - Ready for Installation

All actuation packages include valve, actuator mounting, coupling, and precision actuator factory assembled with any purchased accessories, ready for installation.

### Easy Steps to Locate Desired Product

This catalog provides pricing for both Spears® economical Electro Series Actuated Ball Valves and Spears® full featured Premium Electric and Premium Pneumatic actuated valve packages with optional accessories. Actuated valve packages are listed in separate sections by valve type (ball, butterfly, diaphragm) and actuation type (electric, pneumatic). Optional accessories are listed and priced separately for assembly with the desired package. A complete listing of content is located at the end of this catalog. See Spears® Actuated Thermoplastic Valves Product Guide & Engineering Specification, for additional technical information on valve packages and accessories.

**Step 1: Select and Locate Desired Actuated Valve Type**

- Section I: Ball Valves
- Section II: Butterfly Valves
- Section III: Diaphragm Valves

**Step 2: Select and Locate Desired Actuation Type within Valve Section**

- Electric Actuated
- Pneumatic Actuated

**Step 3: Select and Locate Desired Material Type Pricing Table**

- PVC
- CPVC
- Polypropylene

**Step 4: Select and Locate Specific Part Number & Pricing According to Listed Options**

Individual pricing tables for actuated valve packages are organized by valve Size, Elastomer type (O-ring, seat, etc.), and valve configuration options such as End Connector (Joint) or other specified criteria. Unit List Price Each is located immediately below the Part Number. Product Discount Code is located in the far right column.

**Step 5: Select and Locate Desired Accessories (see important ordering information below)**

- Electric Actuator Accessories
- Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves
- Pneumatic Actuator Accessories for Diaphragm Valves

### Ordering Premium Valve Packages with Accessory Add-ons - IMPORTANT -

Accessories are individually ordered separately and factory assembled with the selected Premium Actuated Valve Package. **When Accessories are ordered for assembly with an actuated valve package, the suffix "-A" must be added to the actuated valve package part number being ordered.** Do not add this suffix if no accessories are being ordered or if ordering Electro Series Ball Valves. Example: Package part number **21101A112-005** would be ordered as **21101A112-005-A** **REQUIRED ORDER SEQUENCE:** Order line items should begin with the actuated valve package part number (with -A suffix) and be immediately followed by the selected accessory part number(s) as the next line item(s). This sequential listing of valve package and applicable accessories on the order assures that selected accessories are properly assembled with the selected package. Failure to follow this simple practice may result in unnecessary delays.

### Actuated Valve Packages Overview

Typical Package Illustration	Valve Type	Basic Valve Options				Actuation Package Available		
		Basic Valve Material	Size Range (inch)	Seal Material Options	End Connector Options	Premium Electric Actuation	Premium Pneumatic Actuation	Electro Series Actuation
	True Union 2000 Ball Valves	PVC	1/2 - 6	EPDM FKM	Socket SR Thread Flanged	X	X	X 1/2" - 2"
		CPVC	1/2 - 6	EPDM FKM	Socket SR Thread Flanged	X	X	X 1/2" - 2"
	Compact 2000 Ball Valves	PVC	1/2 - 6	EPDM FKM	Socket Thread Flanged	X	X	X 1/2" - 2"
		CPVC	1/2 - 6	EPDM FKM	Socket Thread Flanged	X	X	X 1/2" - 2"
	Butterfly Valves	PVC	1-1/2 - 12	Buna-N EPDM FKM	Flanged	X	X	
		CPVC	1-1/2 - 12	Buna-N EPDM FKM	Flanged	X	X	
		PP	1-1/2 - 24 <sup>1</sup>	EPDM FKM	Flanged	X	X	
	Diaphragm Valves	PVC	1/2 - 4 <sup>2</sup>	Buna-N EPDM FKM PTFE	Socket <sup>3</sup> Thread <sup>3</sup> Spigot <sup>4</sup> Flanged	X	X	
		CPVC	1/2 - 4 <sup>2</sup>	Buna-N EPDM FKM PTFE	Socket Thread Spigot Flanged	X	X	
		PP	1/2 - 4 <sup>2</sup>	EPDM FKM	Thread Flanged	X	X	

Notes: 1 - Butterfly Valves also available in sizes 30" - 60", quoted and produced to order. Contact Spears®.  
 2 - 2-1/2" to 4" Diaphragm Valves available in Flanged ends only.  
 3 - 1/2" - 2" Socket and Thread Diaphragm Valves are True Union style.  
 4 - Spigot Diaphragm Valves available in sizes 1/2" - 2" only.

## Actuated Valves Actuated Valve Information



The following table illustrates actuator features for Premium Electric actuators used in Actuated Valve Packages. Features specified as "Standard" are available on packages in this price sheet. Features specified as "Accessory" are included as package add-ons in this price sheet. Features specified as "Options" must be special ordered (contact Spears® for pricing).

### Electric Actuator Features Overview

Standard 2-Position Electric Actuator Features	Electro Series Ball Valves	Premium Electric TU Ball Valves	Premium Electric Butterfly Valves	Premium Electric Diaphragm Valves
Motor Rotation	Unidirectional	Reversing	Reversing	Reversing
NEMA Rating	4X	4	4	4
Enclosure Material	PP	Powder Coated Aluminum	Powder Coated Aluminum	Powder Coated Aluminum
Enclosure Conduit Entry	1/2NPT	1/2NPT	1/2NPT	1/2NPT
Voltage	115 VAC	115 VAC	115 VAC	115 VAC
Pre wired to terminal strip	Wired direct	Standard	Standard	Standard
Thermal Overload Protection	Standard	Standard	Standard	Standard
Basic Manual Override	—	Standard (1/2" – 2")	—	(Option)
Dec clutchable Manual Override	—	Standard (2-1/2" – 4")	Standard	Standard (2" – 4")
Limit Switches (SPDT)	1	2	2	2
Mounting Position	Any	Any	Any	Any
Permanent Lubrication	Standard	Standard	Standard	Standard
Friction Brake	—	—	Standard	—
Feedback Potentiometer	—	Standard	Standard	Standard
<b>Options &amp; Accessories</b>				
24 VAC	Option	Option	Option	Option
230 VAC	Option	Option	Option	Option
230 VAC 3-phase, 60 Hz	—	Option	Option	Option
230 VAC 3-phase, 50 Hz	—	Option	Option	Option
460 VAC 3-phase, 60 Hz	—	—	Option	—
460 VAC 3-phase, 50 Hz	—	—	Option	—
12 VDC	Option	Option	Option	Option
24 VDC	Option	Option	Option	Option
NEMA 4X, 7, 9 Rating	(4X Standard)	Option	Option	Option
Basic Manual Override	—	Standard (1/2" – 2")	—	Option
Dec clutchable Manual Override	—	Option (Standard on 4" – 6")	(Standard)	Option
Duty Cycle Upgrade	Option	Option	Option	Option
Spring Return (Fail Safe)	—	Option	Option	—
Positioner Board (Modulating)	—	Accessory	Accessory	Accessory
Additional Limit Switch Sets	—	Accessory	Accessory	Accessory
LED Indicator Lights	—	Accessory	Accessory	Accessory
Position Indicator (visual)	Standard	Standard	Standard	Accessory
Heater & Thermostat	—	Accessory	Accessory	Accessory
Torque Sensor	—	Accessory	Accessory	Standard
Speed Controller	—	Accessory	Accessory	Accessory
Timer Board	—	Accessory	Accessory	Accessory
Transmitter	—	Accessory	Accessory	Accessory
Controller Interface	—	Accessory	Accessory	Accessory
"2-Wire" Control Relay	Accessory	Accessory	Accessory	—
Friction Brake	—	Accessory	Standard	Accessory
ID Tag-SS	Accessory	Accessory	Accessory	Accessory

The following table illustrates actuator features for Premium Pneumatic actuators used in Actuated Valve Packages. Features specified as "Standard" are available on packages in this price sheet. Features specified as "Accessory" are included as package add-ons in this price sheet. Features specified as "Options" must be special ordered (contact Spears® for pricing).

**Please contact Spears® for any desired features or accessories not specified.**

### Pneumatic Actuator Features Overview

Standard Pneumatic Actuator Features	Premium Pneumatic TU Ball Valves	Premium Pneumatic Butterfly Valves	Premium Pneumatic Diaphragm Valves
Type	Dual Piston, Rack & Pinion	Dual Piston, Rack & Pinion	Linear Piston
Enclosure Material (ends/body)	Epoxy Coated/Hard Anodized Aluminum	Epoxy Coated/Hard Anodized Aluminum	PES-Polyestersulphone PP-Polypropylene
Standard Operation	Air-to-Air or Air-Spring Closed	Air-to-Air or Air-Spring Closed	Air-to-Air or Air-Spring Closed/Open
Standard Operating Pressure	80 psi	80 psi	80 psi
Air Connection Size	1/8"	1/8"	1/8"
Basic Manual Override	Standard	Standard	(Option)
<b>Options &amp; Accessories</b>			
Air-Spring Open	Option	Option	Option
40 psi Operating Pressure	Option	Option	—
60 psi Operating Pressure	Option	Option	Option
Basic Manual Override	(Standard)	(Standard)	Option
Dec clutchable Manual Override	Option	Option	—
Pneumatic Positioner	Accessory	Accessory	Accessory
Electro-Pneumatic Positioner	Accessory	Accessory	Accessory
Dome Position Indicator	Accessory	Accessory	Accessory
Pointer Indicator	Accessory	Accessory	—
3 & 4-Way Solenoid Valve	Accessory	Accessory	Accessory
Dual Power Solenoid Valve	Accessory	Accessory	—
Limit Switches	Accessory	Accessory	Accessory
Output Signal Limit Switches	Accessory	Accessory	—
3-Way "Dribble" Control Limit Switches	Accessory	Accessory	—
Stainless Steel Pressure Gauge Set	Accessory	Accessory	Accessory
Stem Extension	Accessory	Accessory	Accessory
ID Tag-SS	Accessory	Accessory	Accessory



## Actuated Valves Actuated Valve Information

### Additional Actuated Valve Configurations, Options & Accessories Not Specified

Spears® can provide virtually any actuation need for Spears® valves. The following actuated valve configurations, options and accessories not currently specified in this price sheet are a few of those available on a special order basis. See the *Accessories* sections for standard configuration and accessory options. Please contact Spears® for additional technical information or other custom actuation needs. Certain special order options and custom Actuation Packages may require extended lead times. Please contact Spears® for details.

#### Special Actuated Ball Valves

- Compact Ball Valves
- Single Entry Ball Valves
- True Union 2000 3-Way Vertical & Horizontal Ball Valves
- Vented Ball Valves

#### Special Actuated Butterfly Valves

- Tandem 3-Way - two valves operated from one actuator, both closing or both opening at the same time
- Tandem Diverting - two valves operated from one actuator, one opening while the other closes
- "No Seat" actuated Butterfly Valves for duct (damper) applications
- Polypropylene 30" to 60" Actuated Valves (custom produced)

#### Actuated Gate Valves

- PVC & CPVC Construction
- Sizes 1/2" - 4"
- Socket, Thread, Flange End Connections

#### Special Actuator Options

- Actuators Only
- Actuator Brackets Only
- Actuator Stem Extensions
- Double Powder Coated Electric Enclosures
- Stainless Steel Pneumatic Enclosures
- Electric Spring Return Open or Close with No Override
- Battery Back-up Electric Actuators

#### Special Switch Sets & Solenoids

- Single Limit Switch & Bracket Only (no actuator) for manual valves
- Double Limit Switch & Bracket Only (no actuator) for manual valves
- Dual Coil 5-Way Solenoid Valves

**Replacement Parts** Many replacement parts are available for Spears® electric and pneumatic actuators and valves. Contact Spears® for specific parts needed.

## Actuated Valves Electro Actuated Compact 2000 Ball Valve



General purpose industrial grade sealed unit design, 1/4-turn shutoff. Basic On-Off operation.



- Maintenance-free
- PTFE Seats
- 235 psi @ 73°F (23°C) (flanged 150 psi)
- 115 VAC standard, optional voltages available
- High Impact PP NEMA 4x Enclosure, SS316 Fasteners
- 2-Position with Stem-mounted Visual Open/Close Indicator

See **Electric Actuator Accessories** for "2-wire" Control Add-on Actuator Accessory

### PVC Electro Actuated Compact 2000 Ball Valve

O-ring Joint	EPDM			FKM			Disc Code
	Socket Part # Price Each	Thread Part # Price Each	Flanged Part # Price Each	Socket Part # Price Each	Thread Part # Price Each	Flanged Part # Price Each	
1/2	E1404-005 452.61	E1406-005 452.61	E1408-005 557.42	E1405-005 498.81	E1407-005 498.81	E1409-005 587.83	496
3/4	E1404-007 463.71	E1406-007 463.71	E1408-007 586.16	E1405-007 515.36	E1407-007 515.36	E1409-007 616.72	496
1	E1404-010 472.03	E1406-010 472.03	E1408-010 604.24	E1405-010 523.54	E1407-010 523.54	E1409-010 635.27	496
1-1/4	E1504-012 488.69	E1506-012 488.69	E1508-012 636.49	E1505-012 552.26	E1507-012 552.26	E1509-012 670.07	496
1-1/2	E1504-015 502.61	E1506-015 502.61	E1508-015 648.42	E1505-015 563.01	E1507-015 563.01	E1509-015 686.42	496
2	E1504-020 524.78	E1506-020 524.78	E1508-020 705.54	E1505-020 585.32	E1507-020 585.32	E1509-020 744.75	496

### CPVC

O-ring Joint	EPDM			FKM			Disc Code
	Socket Part # Price Each	Thread Part # Price Each	Flanged Part # Price Each	Socket Part # Price Each	Thread Part # Price Each	Flanged Part # Price Each	
1/2	E1404-005C 460.93	E1406-005C 460.93	E1408-005C 575.63	E1405-005C 514.89	E1407-005C 514.89	E1409-005C 607.20	498
3/4	E1404-007C 477.59	E1406-007C 477.59	E1408-007C 608.88	E1405-007C 535.89	E1407-007C 535.89	E1409-007C 637.03	498
1	E1404-010C 499.80	E1406-010C 499.80	E1408-010C 624.16	E1405-010C 544.46	E1407-010C 544.46	E1409-010C 656.29	498
1-1/4	E1504-012C 530.35	E1506-012C 530.35	E1508-012C 671.94	E1505-012C 574.18	E1507-012C 574.18	E1509-012C 696.34	498
1-1/2	E1504-015C 541.43	E1506-015C 541.43	E1508-015C 680.32	E1505-015C 581.44	E1507-015C 581.44	E1509-015C 709.23	498
2	E1504-020C 588.66	E1506-020C 588.66	E1508-020C 733.05	E1505-020C 604.03	E1507-020C 604.03	E1509-020C 769.78	498



## Actuated Valves Electro Actuated True Union 2000 Standard Ball Valve



General Purpose True Union design, 1/4-turn shutoff. Basic On-Off operation.

- Blocked Seal Carrier
- PTFE/HDPE Seats
- 235 psi @ 73°F (23°C) (flanged 150 psi)
- 115 VAC standard, optional voltages available
- High Impact PP NEMA 4x Enclosure, SS316 Fasteners
- 2-Position with Stem-mounted Visual Open/Close Indicator

See **Electric Actuator Accessories** for "2-wire" Control Add-on Actuator Accessory

### PVC Electro Actuated True Union 2000 Standard Ball Valve

O-ring Joint	EPDM			FKM			Disc Code
	Socket & Thread	SR Thread	Flanged	Socket & Thread	SR Thread	Flanged	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
<b>1/2</b>	E1453-005 <b>469.73</b>	E1451-005SR <b>470.59</b>	E1457-005 <b>577.91</b>	E1454-005 <b>517.58</b>	E1452-005SR <b>518.55</b>	E1458-005 <b>636.74</b>	500
<b>3/4</b>	E1453-007 <b>479.98</b>	E1451-007SR <b>481.93</b>	E1457-007 <b>606.21</b>	E1454-007 <b>536.13</b>	E1452-007SR <b>538.09</b>	E1458-007 <b>675.55</b>	500
<b>1</b>	E1453-010 <b>494.41</b>	E1451-010SR <b>494.41</b>	E1457-010 <b>632.88</b>	E1454-010 <b>548.11</b>	E1452-010SR <b>550.23</b>	E1458-010 <b>701.72</b>	500
<b>1-1/4</b>	E1553-012 <b>506.39</b>	E1551-012SR <b>512.47</b>	E1557-012 <b>658.42</b>	E1554-012 <b>584.32</b>	E1552-012SR <b>590.29</b>	E1558-012 <b>759.53</b>	500
<b>1-1/2</b>	E1553-015 <b>535.73</b>	E1551-015SR <b>542.20</b>	E1557-015 <b>691.06</b>	E1554-015 <b>599.61</b>	E1552-015SR <b>606.21</b>	E1558-015 <b>773.62</b>	500
<b>2</b>	E1553-020 <b>567.65</b>	E1551-020SR <b>574.68</b>	E1557-020 <b>760.69</b>	E1554-020 <b>631.15</b>	E1552-020SR <b>637.77</b>	E1558-020 <b>845.79</b>	500

### CPVC

O-ring Joint	EPDM			FKM			Disc Code
	Socket & Thread	SR Thread	Flanged	Socket & Thread	SR Thread	Flanged	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
<b>1/2</b>	E1453-005C <b>486.67</b>	E1451-005CSR <b>489.37</b>	E1457-005C <b>601.96</b>	E1454-005C <b>543.46</b>	E1452-005CSR <b>546.14</b>	E1458-005C <b>671.75</b>	502
<b>3/4</b>	E1453-007C <b>508.45</b>	E1451-007CSR <b>512.24</b>	E1457-007C <b>645.41</b>	E1454-007C <b>569.79</b>	E1452-007CSR <b>573.66</b>	E1458-007C <b>722.78</b>	502
<b>1</b>	E1453-010C <b>534.46</b>	E1451-010CSR <b>534.46</b>	E1457-010C <b>691.06</b>	E1454-010C <b>582.42</b>	E1452-010CSR <b>587.76</b>	E1458-010C <b>752.34</b>	502
<b>1-1/4</b>	E1553-012C <b>567.12</b>	E1551-012CSR <b>575.62</b>	E1557-012C <b>748.33</b>	E1554-012C <b>615.14</b>	E1552-012CSR <b>623.73</b>	E1558-012C <b>810.85</b>	502
<b>1-1/2</b>	E1553-015C <b>585.08</b>	E1551-015CSR <b>599.73</b>	E1557-015C <b>773.72</b>	E1554-015C <b>629.98</b>	E1552-015CSR <b>644.54</b>	E1558-015C <b>831.43</b>	502
<b>2</b>	E1553-020C <b>649.45</b>	E1551-020CSR <b>665.21</b>	E1557-020C <b>829.85</b>	E1554-020C <b>670.01</b>	E1552-020CSR <b>685.85</b>	E1558-020C <b>897.02</b>	502

## Actuated Valves

### Electro Actuated True Union 2000 Industrial Ball Valve



Industrial grade True Union design, 1/4-turn shutoff. Basic On-Off operation.

- Blocked Seal Carrier
- Double O-ring Stem Seal
- PTFE Seats
- 235 psi @ 73°F (23°C) (flanged 150 psi)
- 115 VAC standard, optional voltages available
- High Impact PP NEMA 4x Enclosure, SS316 Fasteners
- 2-Position with Stem-mounted Visual Open/Close Indicator

See **Electric Actuator Accessories** for "2-wire" Control Add-on Actuator Accessory

### PVC Electro Actuated Industrial Ball Valve

O-ring Joint	EPDM			FKM			Disc Code
	Socket & Thread	SR Thread	Flanged	Socket & Thread	SR Thread	Flanged	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
<b>1/2</b>	E1459-005 <b>481.93</b>	E1463-005SR <b>484.63</b>	E1465-005 <b>586.83</b>	E1460-005 <b>531.21</b>	E1464-005SR <b>533.91</b>	E1466-005 <b>620.09</b>	500
<b>3/4</b>	E1459-007 <b>494.45</b>	E1463-007SR <b>498.29</b>	E1465-007 <b>616.88</b>	E1460-007 <b>552.27</b>	E1464-007SR <b>556.13</b>	E1466-007 <b>653.66</b>	500
<b>1</b>	E1459-010 <b>511.58</b>	E1463-010SR <b>516.92</b>	E1465-010 <b>642.60</b>	E1460-010 <b>567.29</b>	E1464-010SR <b>572.62</b>	E1466-010 <b>679.02</b>	500
<b>1-1/4</b>	E1559-012 <b>530.28</b>	E1563-012SR <b>538.83</b>	E1565-012 <b>678.07</b>	E1560-012 <b>630.67</b>	E1564-012SR <b>639.24</b>	E1566-012 <b>731.83</b>	500
<b>1-1/2</b>	E1559-015 <b>564.60</b>	E1563-015SR <b>579.25</b>	E1565-015 <b>710.45</b>	E1560-015 <b>631.74</b>	E1564-015SR <b>646.38</b>	E1566-015 <b>755.06</b>	500
<b>2</b>	E1559-020 <b>605.75</b>	E1563-020SR <b>621.61</b>	E1565-020 <b>786.48</b>	E1560-020 <b>672.71</b>	E1564-020SR <b>688.57</b>	E1566-020 <b>831.81</b>	500

### CPVC

O-ring Joint	EPDM			FKM			Disc Code
	Socket & Thread	SR Thread	Flanged	Socket & Thread	SR Thread	Flanged	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
<b>1/2</b>	E1459-005C <b>502.83</b>	E1463-005CSR <b>505.55</b>	E1465-005C <b>617.59</b>	E1460-005C <b>561.39</b>	E1464-005CSR <b>566.80</b>	E1466-005C <b>653.31</b>	502
<b>3/4</b>	E1459-007C <b>528.92</b>	E1463-007CSR <b>532.74</b>	E1465-007C <b>660.09</b>	E1460-007C <b>592.45</b>	E1464-007CSR <b>613.32</b>	E1466-007C <b>698.83</b>	502
<b>1</b>	E1459-010C <b>558.72</b>	E1463-010CSR <b>564.04</b>	E1465-010C <b>683.11</b>	E1460-010C <b>609.47</b>	E1464-010CSR <b>614.74</b>	E1466-010C <b>721.15</b>	502
<b>1-1/4</b>	E1559-012C <b>605.81</b>	E1563-012CSR <b>614.42</b>	E1565-012C <b>732.93</b>	E1560-012C <b>658.12</b>	E1564-012CSR <b>666.68</b>	E1566-012C <b>780.33</b>	502
<b>1-1/2</b>	E1559-015C <b>625.94</b>	E1563-015CSR <b>640.59</b>	E1565-015C <b>780.16</b>	E1560-015C <b>660.13</b>	E1564-015CSR <b>674.84</b>	E1566-015C <b>806.54</b>	502
<b>2</b>	E1559-020C <b>738.12</b>	E1563-020CSR <b>754.00</b>	E1565-020C <b>879.42</b>	E1560-020C <b>771.15</b>	E1564-020CSR <b>787.20</b>	E1566-020C <b>905.27</b>	502



## Actuated Valves Premium Actuated True Union 2000 Industrial Ball Valve - Electric



Industrial grade True Union design, 1/4-turn shutoff for a wide range of applications. Full-featured actuator can be custom configured with add-on accessories.

- Blocked Seal Carrier
- Double O-ring Stem Seal
- PTFE Seats
- 1/2" - 4" 235 psi @ 73°F (23°C)
- 6" and all flanged 150 psi @ 73°F (23°C)
- 115 VAC standard, optional voltages available
- 2-Position Operation with 2-SPDT Limit Switches
- NEMA 4 Enclosure, Powder Coated
- Manual Override (shown)
- Position Indicator

See **Electric Actuator Accessories** for Add-on Actuator Accessories

### PVC

O-ring Joint	EPDM			FKM			Disc Code
	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	
1/2	21101A112-005 720.51	23101A112-005 721.55	24101A112-005 741.43	21201A112-005 725.96	23201A112-005 727.02	24201A112-005 746.07	500
3/4	21101A112-007 729.38	23101A112-007 731.88	24101A112-007 759.98	21201A112-007 735.86	23201A112-007 738.38	24201A112-007 767.71	500
1	21101A112-010 746.72	23101A112-010 749.20	24101A112-010 784.84	21201A112-010 754.51	23201A112-010 756.98	24201A112-010 792.87	500
1-1/4	21101A112-012 772.99	23101A112-012 780.52	24101A112-012 803.41	21201A112-012 799.19	23201A112-012 806.72	24201A112-012 817.33	500
1-1/2	21101A112-015 792.38	23101A112-015 1336.04	24101A112-015 835.93	21201A112-015 804.95	23201A112-015 813.06	24201A112-015 849.82	500
2	21101A112-020 873.03	23101A112-020 881.82	24101A112-020 973.51	21201A112-020 888.25	23201A112-020 896.92	24201A112-020 988.76	500
2-1/2	21101A111-025 1475.65	23101A111-025 1499.34	24101A111-025 1649.87	21201A111-025 1578.53	23201A111-025 1602.16	24201A111-025 1657.55	500
3	21101A111-030 1567.91	23101A111-030 1591.59	24101A111-030 1698.76	21201A111-030 1610.37	23201A111-030 1634.02	24201A111-030 1822.61	500
4	21101A121-040 2613.54	23101A121-040 2641.18	24101A121-040 2999.19	21201A121-040 3113.97	23201A121-040 2712.91	24201A121-040 3163.31	500
6	21101A121-060 3687.17	23101A121-060 3726.60	24101A121-060 4488.31	21201A121-060 3840.14	23201A121-060 3879.58	24201A121-060 4838.42	500

### CPVC

O-ring Joint	EPDM			FKM			Disc Code
	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	
1/2	21102A112-005 736.07	23102A112-005 737.09	24102A112-005 780.85	21202A112-005 743.20	23202A112-005 744.27	24202A112-005 783.19	502
3/4	21102A112-007 752.76	23102A112-007 755.28	24102A112-007 805.46	21202A112-007 761.75	23202A112-007 764.28	24202A112-007 811.02	502
1	21102A112-010 774.45	23102A112-010 776.98	24102A112-010 831.09	21202A112-010 785.16	23202A112-010 787.67	24202A112-010 840.55	502
1-1/4	21102A112-012 831.26	23102A112-012 838.84	24102A112-012 906.72	21202A112-012 848.37	23202A112-012 855.94	24202A112-012 914.69	502
1-1/2	21102A112-015 839.88	23102A112-015 847.97	24102A112-015 929.55	21202A112-015 857.82	23202A112-015 865.97	24202A112-015 937.95	502
2	21102A112-020 938.60	23102A112-020 947.41	24102A112-020 1072.15	21202A112-020 970.95	23202A112-020 979.77	24202A112-020 1138.96	502
2-1/2	21102A111-025 1670.93	23102A111-025 1694.59	24102A111-025 1838.94	21202A111-025 1724.76	23202A111-025 1748.42	24202A111-025 1969.71	502
3	21102A111-030 1753.01	23102A111-030 1776.65	24102A111-030 2140.89	21202A111-030 1816.01	23202A111-030 1839.69	24202A111-030 2162.66	502
4	21102A121-040 2995.65	23102A121-040 3023.28	24102A121-040 3642.98	21202A121-040 3109.84	23202A121-040 3137.44	24202A121-040 3709.97	502
6	21102A121-060 4480.42	23102A121-060 4540.36	24102A121-060 5860.36	21202A121-060 4723.29	23202A121-060 4783.21	24202A121-060 6002.27	502

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors.

## Actuated Valves

### Premium Actuated True Union 2000 Industrial Ball Valve - Pneumatic



Industrial grade True Union design, 1/4-turn shutoff for a wide range of applications. Full-featured actuator can be custom configured with add-on accessories.

- Blocked Seal Carrier
- Double O-ring Stem Seal
- PTFE Seats
- 1/2" - 4" 235 psi @ 73°F (23°C)
- 6" and all flanged
- 150 psi @ 73°F (23°C)
- 80 psi Operating Pressure, other options available
- 2-Position Air-Air or Air-Spring Closed (optional spring open)
- Dual Rack & Pinion with Adjustable Stops
- Manual Override
- Position Indicator

See **Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves** for Add-on Actuator Accessories

#### PVC

O-ring Joint	EPDM			FKM			Disc Code
	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	
1/2 Air to Air	21101H101-005 392.45	23101H101-005 393.49	24101H101-005 413.37	21201H101-005 397.92	23201H101-005 398.99	24201H101-005 418.04	530
1/2 Air to Spring	21101J101-005 461.86	23101J101-005 462.91	24101J101-005 482.77	21201J101-005 467.32	23201J101-005 468.39	24201J101-005 487.43	530
3/4 Air to Air	21101H101-007 401.36	23101H101-007 403.84	24101H101-007 431.96	21201H101-007 407.80	23201H101-007 410.36	24201H101-007 439.68	530
3/4 Air to Spring	21101J101-007 470.75	23101J101-007 473.26	24101J101-007 501.35	21201J101-007 477.23	23201J101-007 479.75	24201J101-007 509.08	530
1 Air to Air	21101H101-010 418.65	23101H101-010 421.17	24101H101-010 456.82	21201H101-010 426.46	23201H101-010 428.95	24201H101-010 464.86	530
1 Air to Spring	21101J101-010 488.06	23101J101-010 490.55	24101J101-010 526.19	21201J101-010 495.85	23201J101-010 498.33	24201J101-010 738.39	530
1-1/4 Air to Air	21101H101-012 444.96	23101H101-012 452.48	24101H101-012 475.40	21201H101-012 471.18	23201H101-012 478.71	24201H101-012 489.29	530
1-1/4 Air to Spring	21101J101-012 514.36	23101J101-012 521.88	24101J101-012 544.78	21201J101-012 540.56	23201J101-012 548.09	24201J101-012 558.67	530
1-1/2 Air to Air	21101H101-015 464.35	23101H101-015 472.45	24101H101-015 507.87	21201H101-015 476.88	23201H101-015 485.05	24201H101-015 521.78	530
1-1/2 Air to Spring	21101J101-015 533.73	23101J101-015 541.83	24101J101-015 577.27	21201J101-015 546.29	23201J101-015 554.43	24201J101-015 591.17	530
2 Air to Air	21101H101-020 545.01	23101H101-020 553.80	24101H101-020 645.47	21201H101-020 560.23	23201H101-020 568.87	24201H101-020 660.72	530
2 Air to Spring	21101J101-020 708.85	23101J101-020 717.80	24101J101-020 809.51	21201J101-020 724.26	23201J101-020 732.88	24201J101-020 824.74	530
2-1/2 Air to Air	21101H101-025 841.67	23101H101-025 865.37	24101H101-025 1015.93	21201H101-025 944.54	23201H101-025 968.19	24201H101-025 1023.56	530
2-1/2 Air to Spring	21101J101-025 977.31	23101J101-025 1000.98	24101J101-025 1151.54	21201J101-025 1080.15	23201J101-025 1103.82	24201J101-025 1159.22	530
3 Air to Air	21101H101-030 933.93	23101H101-030 957.60	24101H101-030 1064.77	21201H101-030 976.38	23201H101-030 1000.05	24201H101-030 1188.63	530
3 Air to Spring	21101J101-030 1069.57	23101J101-030 1093.26	24101J101-030 1200.39	21201J101-030 1111.99	23201J101-030 1135.66	24201J101-030 1324.24	530
4 Air to Air	21101H101-040 1323.49	23101H101-040 1407.91	24101H101-040 1709.15	21201H101-040 1395.23	23201H101-040 1422.86	24201H101-040 1873.27	530
4 Air to Spring	21101J101-040 1582.14	23101J101-040 1609.78	24101J101-040 1967.78	21201J101-040 1653.85	23201J101-040 1681.48	24201J101-040 2131.91	530
6 Air to Air	21101H101-060 2371.91	23101H101-060 2411.34	24101H101-060 3173.04	21201H101-060 2524.87	23201H101-060 2564.28	24201H101-060 3523.15	530
6 Air to Spring	21101J101-060 2879.72	23101J101-060 2919.14	24101J101-060 3680.86	21201J101-060 3032.68	23201J101-060 3072.11	24201J101-060 4030.98	530

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors.

For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

#### CPVC

O-ring Joint	EPDM			FKM			Disc Code
	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	
1/2 Air to Air	21102H101-005 408.04	23102H101-005 409.08	24102H101-005 452.80	21202H101-005 415.19	23202H101-005 416.25	24202H101-005 455.16	532
1/2 Air to Spring	21102J101-005 477.43	23102J101-005 478.47	24102J101-005 522.20	21202J101-005 484.57	23202J101-005 485.64	24202J101-005 838.69	532
3/4 Air to Air	21102H101-007 424.73	23102H101-007 427.24	24102H101-007 477.43	21202H101-007 433.72	23202H101-007 436.24	24202H101-007 482.98	532
3/4 Air to Spring	21102J101-007 494.11	23102J101-007 496.64	24102J101-007 546.83	21202J101-007 503.11	23202J101-007 505.62	24202J101-007 872.37	532





**Actuated Valves**  
**Premium Actuated True Union 2000 Industrial Ball Valve - Pneumatic**

**CPVC (continued)**

O-ring Joint Size	EPDM			FKM			Disc Code
	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	
<b>1 Air to Air</b>	21102H101-010 <b>446.43</b>	23102H101-010 <b>448.97</b>	24102H101-010 <b>503.06</b>	21202H101-010 <b>457.13</b>	23202H101-010 <b>459.64</b>	24202H101-010 <b>512.51</b>	532
<b>1 Air to Spring</b>	21102J101-010 <b>515.82</b>	23102J101-010 <b>518.35</b>	24102J101-010 <b>572.45</b>	21202J101-010 <b>526.52</b>	23202J101-010 <b>529.04</b>	24202J101-010 <b>893.86</b>	532
<b>1-1/4 Air to Air</b>	21102H101-012 <b>503.23</b>	23102H101-012 <b>510.82</b>	24102H101-012 <b>578.71</b>	21202H101-012 <b>520.33</b>	23202H101-012 <b>527.89</b>	24202H101-012 <b>586.66</b>	532
<b>1-1/4 Air to Spring</b>	21102J101-012 <b>572.63</b>	23102J101-012 <b>580.20</b>	24102J101-012 <b>648.07</b>	21202J101-012 <b>589.73</b>	23202J101-012 <b>597.29</b>	24202J101-012 <b>950.31</b>	532
<b>1-1/2 Air to Air</b>	21102H101-015 <b>511.86</b>	23102H101-015 <b>519.97</b>	24102H101-015 <b>601.53</b>	21202H101-015 <b>529.80</b>	23202H101-015 <b>537.92</b>	24202H101-015 <b>609.93</b>	532
<b>1-1/2 Air to Spring</b>	21102J101-015 <b>581.24</b>	23102J101-015 <b>589.35</b>	24102J101-015 <b>670.92</b>	21202J101-015 <b>599.18</b>	23202J101-015 <b>607.33</b>	24202J101-015 <b>976.92</b>	532
<b>2 Air to Air</b>	21102H101-020 <b>610.56</b>	23102H101-020 <b>619.38</b>	24102H101-020 <b>744.11</b>	21202H101-020 <b>642.95</b>	23202H101-020 <b>651.75</b>	24202H101-020 <b>810.92</b>	532
<b>2 Air to Spring</b>	21102J101-020 <b>774.59</b>	23102J101-020 <b>783.38</b>	24102J101-020 <b>908.13</b>	21202J101-020 <b>806.96</b>	23202J101-020 <b>815.74</b>	24202J101-020 <b>1357.88</b>	532
<b>2-1/2 Air to Air</b>	21102H101-025 <b>1036.95</b>	23102H101-025 <b>1060.60</b>	24102H101-025 <b>1204.97</b>	21202H101-025 <b>1090.77</b>	23202H101-025 <b>1114.44</b>	24202H101-025 <b>1335.74</b>	532
<b>2-1/2 Air to Spring</b>	21102J101-025 <b>1172.58</b>	23102J101-025 <b>1196.22</b>	24102J101-025 <b>1340.59</b>	21202J101-025 <b>1226.42</b>	23202J101-025 <b>1250.06</b>	24202J101-025 <b>1471.37</b>	532
<b>3 Air to Air</b>	21102H101-030 <b>1119.02</b>	23102H101-030 <b>1142.67</b>	24102H101-030 <b>1506.91</b>	21202H101-030 <b>1182.04</b>	23202H101-030 <b>1205.74</b>	24202H101-030 <b>1528.67</b>	532
<b>3 Air to Spring</b>	21102J101-030 <b>1254.63</b>	23102J101-030 <b>1278.29</b>	24102J101-030 <b>1642.53</b>	21202J101-030 <b>1317.66</b>	23202J101-030 <b>1341.36</b>	24202J101-030 <b>1672.18</b>	532
<b>4 Air to Air</b>	21102H101-040 <b>1705.62</b>	23102H101-040 <b>1733.25</b>	24102H101-040 <b>2352.95</b>	21202H101-040 <b>1819.79</b>	23202H101-040 <b>1847.43</b>	24202H101-040 <b>2419.94</b>	532
<b>4 Air to Spring</b>	21102J101-040 <b>1964.26</b>	23102J101-040 <b>1991.89</b>	24102J101-040 <b>2611.58</b>	21202J101-040 <b>2078.44</b>	23202J101-040 <b>2106.07</b>	24202J101-040 <b>2890.53</b>	532
<b>6 Air to Air</b>	21102H101-060 <b>3165.15</b>	23102H101-060 <b>3225.07</b>	24102H101-060 <b>4545.08</b>	21202H101-060 <b>3408.03</b>	23202H101-060 <b>3467.96</b>	24202H101-060 <b>4687.02</b>	532
<b>6 Air to Spring</b>	21102J101-060 <b>3672.98</b>	23102J101-060 <b>3732.92</b>	24102J101-060 <b>5052.88</b>	21202J101-060 <b>3915.83</b>	23202J101-060 <b>3975.76</b>	24202J101-060 <b>5194.85</b>	532

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors.

For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

## Actuated Valves Premium Actuated Standard Butterfly Valve - Electric



Industrial grade valve with patented seat design uses no liner. Eliminates seat-creep and reduces operating torque. Full-featured actuator can be custom configured with add-on accessories.

- Solid SS316L Stem
- ANSI Class 150 Bolt Pattern
- 150 psi @ 73°F (23°C) (Thru 12"),  
14"-100 psi, 16"-85 psi,  
18"-70 psi, 20"-24"-50 psi
- 115 VAC standard, optional voltages available
- 2-Position Operation with 2-SPDT Limit Switches
- NEMA 4 Enclosure, Powder Coated
- Declutchable Manual Override
- Position Indicator

See **Electric Actuator Accessories** for Add-on Actuator Accessories

### PVC

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
1-1/2	41101A121-015 <b>1564.27</b>	41201A121-015 <b>1564.27</b>	41301A121-015 <b>1825.80</b>	510
2	41101A121-020 <b>1606.43</b>	41201A121-020 <b>1606.43</b>	41301A121-020 <b>1865.74</b>	510
2-1/2	41101A121-025 <b>1631.00</b>	41201A121-025 <b>1631.00</b>	41301A121-025 <b>1899.07</b>	510
3	41101A121-030 <b>1911.98</b>	41201A121-030 <b>1911.98</b>	41301A121-030 <b>2184.48</b>	510
4	41101A121-040 <b>2104.18</b>	41201A121-040 <b>2104.18</b>	41301A121-040 <b>2473.37</b>	510
6	41101A121-060 <b>2857.84</b>	41201A121-060 <b>2857.84</b>	41301A121-060 <b>3490.80</b>	510
8	41101A121-080 <b>3234.03</b>	41201A121-080 <b>3234.03</b>	41301A121-080 <b>4280.12</b>	510
10	41101A121-100 <b>4687.24</b>	41201A121-100 <b>4687.24</b>	41301A121-100 <b>6779.36</b>	510
12	41101A123-120 <b>5880.95</b>	41201A123-120 <b>5880.95</b>	41301A123-120 <b>9102.66</b>	510

### CPVC

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
1-1/2	41102A121-015 <b>1667.58</b>	41202A121-015 <b>1667.58</b>	41302A121-015 <b>2014.81</b>	512
2	41102A121-020 <b>1707.52</b>	41202A121-020 <b>1707.52</b>	41302A121-020 <b>2045.93</b>	512
2-1/2	41102A121-025 <b>1738.65</b>	41202A121-025 <b>1738.65</b>	41302A121-025 <b>2092.48</b>	512
3	41102A121-030 <b>2043.83</b>	41202A121-030 <b>2043.83</b>	41302A121-030 <b>2435.02</b>	512
4	41102A121-040 <b>2258.00</b>	41202A121-040 <b>2490.45</b>	41302A121-040 <b>2794.26</b>	512
6	41102A121-060 <b>3086.42</b>	41202A121-060 <b>3086.42</b>	41302A121-060 <b>4005.01</b>	512
8	41102A121-080 <b>3629.60</b>	41202A121-080 <b>3629.60</b>	41302A121-080 <b>5150.38</b>	512
10	41102A121-100 <b>5474.01</b>	41202A121-100 <b>5474.01</b>	41302A121-100 <b>8528.66</b>	512
12	41102A123-120 <b>6918.22</b>	41202A123-120 <b>6918.22</b>	41302A123-120 <b>10889.34</b>	512

### Polypropylene

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
1-1/2	41103A121-015 <b>1781.13</b>	41203A121-015 <b>1781.13</b>	41303A121-015 <b>2230.01</b>	514
2	41103A121-020 <b>1806.16</b>	41203A121-020 <b>1806.16</b>	41303A121-020 <b>2262.23</b>	514
2-1/2	41103A121-025 <b>1839.83</b>	41203A121-025 <b>1839.83</b>	41303A121-025 <b>2312.04</b>	514
3	41103A121-030 <b>2129.28</b>	41203A121-030 <b>2129.28</b>	41303A121-030 <b>2611.47</b>	514
4	41103A121-040 <b>2349.35</b>	41203A121-040 <b>2349.35</b>	41303A121-040 <b>2995.54</b>	514
6	41103A121-060 <b>3237.91</b>	41203A121-060 <b>3237.91</b>	41303A121-060 <b>4333.37</b>	514
8	41103A121-080 <b>3880.37</b>	41203A121-080 <b>3880.37</b>	41303A121-080 <b>5714.22</b>	514
10	41103A121-100 <b>5971.47</b>	41203A121-100 <b>5971.47</b>	41303A121-100 <b>9656.34</b>	514
12	41103A123-120 <b>7548.63</b>	41203A123-120 <b>7548.63</b>	41303A123-120 <b>13214.32</b>	514

### Polypropylene (continued)

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
14, 16, 18, 20 & 24 - Price On Application				

**NOTE:** Due to variations in potential system operating conditions, 14" -24" Actuated Butterfly Valve packages are sized and priced according to application parameters. Please contact Spears® for additional information.



## Actuated Valves Premium Actuated Standard Butterfly Valve - Pneumatic



Industrial grade valve with patented seat design uses no liner. Eliminates seat-creep and reduces operating torque. Full-featured actuator can be custom configured with add-on accessories.

- Solid SS316L Stem
- ANSI Class 150 Bolt Pattern
- 150 psi @ 73°F (23°C) (Thru 12")
- 14"-100 psi, 16"- 85 psi, 18"-70 psi, 20"-24"-50 psi
- 80 psi Operating Pressure, other options available
- 2-Position Air-Air or Air-Spring Closed (optional spring open)
- Dual Rack & Pinion with Adjustable Stops
- Manual Override
- Position Indicator

See **Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves** for Add-on Actuator Accessories

NOTE: Due to variations in potential system operating conditions, 14" -24" Actuated Butterfly Valve packages are sized and priced according to application parameters. Please contact Spears® for additional information.

### PVC

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
1-1/2 Air to Air	41101H101-015 621.21	41201H101-015 621.21	41301H101-015 882.73	540
1-1/2 Air to Spring	41101J101-015 690.59	41201J101-015 690.59	41301J101-015 952.09	540
2 Air to Air	41101H101-020 663.34	41201H101-020 663.34	41301H101-020 922.65	540
2 Air to Spring	41101J101-020 827.36	41201J101-020 827.36	41301J101-020 1086.65	540
2-1/2 Air to Air	41101H101-025 687.93	41201H101-025 687.93	41301H101-025 955.99	540
2-1/2 Air to Spring	41101J101-025 915.02	41201J101-025 915.02	41301J101-025 1183.09	540
3 Air to Air	41101H101-030 801.76	41201H101-030 801.76	41301H101-030 1074.23	540
3 Air to Spring	41101J101-030 987.84	41201J101-030 987.84	41301J101-030 1260.33	540
4 Air to Air	41101H101-040 940.31	41201H101-040 940.31	41301H101-040 1309.48	540
4 Air to Spring	41101J101-040 1198.94	41201J101-040 1198.94	41301J101-040 1568.12	540
6 Air to Air	41101H101-060 1318.64	41201H101-060 1318.64	41301H101-060 1951.58	540
6 Air to Spring	41101J101-060 1826.45	41201J101-060 1826.45	41301J101-060 2459.40	540
8 Air to Air	41101H101-080 1871.45	41201H101-080 1871.45	41301H101-080 2917.54	540
8 Air to Spring	41101J101-080 2584.31	41201J101-080 2584.31	41301J101-080 3630.36	540
10 Air to Air	41101H101-100 2788.46	41201H101-100 2788.46	41301H101-100 4880.59	540
10 Air to Spring	41101J101-100 4043.80	41201J101-100 4043.80	41301J101-100 6135.93	540
12 Air to Air	41101H101-120 3300.87	41201H101-120 3300.87	41301H101-120 6522.59	540
12 Air to Spring	41101J101-120 4556.22	41201J101-120 4556.22	41301J101-120 7777.92	540

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

### CPVC

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
1-1/2 Air to Air	41102H101-015 724.52	41202H101-015 724.52	41302H101-015 1071.73	542
1-1/2 Air to Spring	41102J101-015 793.89	41202J101-015 793.89	41302J101-015 1141.12	542
2 Air to Air	41102H101-020 764.43	41202H101-020 764.43	41302H101-020 1102.85	542
2 Air to Spring	41102J101-020 928.45	41202J101-020 928.45	41302J101-020 1266.84	542
2-1/2 Air to Air	41102H101-025 795.57	41202H101-025 795.57	41302H101-025 1149.40	542
2-1/2 Air to Spring	41102J101-025 1023.08	41202J101-025 1023.08	41302J101-025 1376.51	542
3 Air to Air	41102H101-030 933.59	41202H101-030 933.59	41302H101-030 1324.76	542

### CPVC (continued)

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
3 Air to Spring	41102J101-030 1119.67	41202J101-030 1119.67	41302J101-030 1510.85	542
4 Air to Air	41102H101-040 1094.12	41202H101-040 1094.12	41302H101-040 1630.40	542
4 Air to Spring	41102J101-040 1352.76	41202J101-040 1352.76	41302J101-040 1889.04	542
6 Air to Air	41102H101-060 1547.18	41202H101-060 1547.18	41302H101-060 2465.80	542
6 Air to Spring	41102J101-060 2055.01	41202J101-060 2055.01	41302J101-060 2973.61	542
8 Air to Air	41102H101-080 2267.02	41202H101-080 2267.02	41302H101-080 3787.82	542
8 Air to Spring	41102J101-080 2979.84	41202J101-080 2979.84	41302J101-080 4500.64	542
10 Air to Air	41102H101-100 3575.23	41202H101-100 3575.23	41302H101-100 6629.91	542
10 Air to Spring	41102J101-100 4830.57	41202J101-100 4830.57	41302J101-100 7885.23	542
12 Air to Air	41102H101-120 4338.15	41202H101-120 4338.15	41302H101-120 8309.27	542
12 Air to Spring	41102J101-120 5593.48	41202J101-120 5593.48	41302J101-120 9564.60	542

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

### Polypropylene

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
1-1/2 Air to Air	41103H101-015 838.05	41203H101-015 838.05	41303H101-015 1286.94	544
1-1/2 Air to Spring	41103J101-015 907.43	41203J101-015 907.43	41303J101-015 1356.32	544
2 Air to Air	41103H101-020 863.08	41203H101-020 863.08	41303H101-020 1319.15	544
2 Air to Spring	41103J101-020 1027.12	41203J101-020 1027.12	41303J101-020 1483.16	544
2-1/2 Air to Air	41103H101-025 896.74	41203H101-025 896.74	41303H101-025 1368.96	544
2-1/2 Air to Spring	41103J101-025 1123.85	41203J101-025 1123.85	41303J101-025 1596.06	544
3 Air to Air	41103H101-030 1019.04	41203H101-030 1019.04	41303H101-030 1501.24	544
3 Air to Spring	41103J101-030 1205.13	41203J101-030 1205.13	41303J101-030 1687.34	544
4 Air to Air	41103H101-040 1185.47	41203H101-040 1185.47	41303H101-040 1831.65	544
4 Air to Spring	41103J101-040 1444.11	41203J101-040 1444.11	41303J101-040 2090.29	544
6 Air to Air	41103H101-060 1698.69	41203H101-060 1698.69	41303H101-060 2794.18	544
6 Air to Spring	41103J101-060 2206.49	41203J101-060 2206.49	41303J101-060 3301.97	544
8 Air to Air	41103H101-080 2517.78	41203H101-080 2517.78	41303H101-080 4351.64	544
8 Air to Spring	41103J101-080 3230.60	41203J101-080 3230.60	41303J101-080 3645.13	544
10 Air to Air	41103H101-100 4072.68	41203H101-100 4072.68	41303H101-100 7757.55	544

**Actuated Valves**  
**Premium Actuated Standard Butterfly Valve - Pneumatic**



**Polypropylene (continued)**

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
<b>10 Air to Spring</b>	41103J101-100 <b>5328.04</b>	41203J101-100 <b>5328.04</b>	41303J101-100 <b>9012.88</b>	544
<b>12 Air to Air</b>	41103H101-120 <b>4968.57</b>	41203H101-120 <b>4968.57</b>	41303H101-120 <b>10634.23</b>	544
<b>12 Air to Spring</b>	41103J101-120 <b>6223.91</b>	41203J101-120 <b>6223.91</b>	41303J101-120 <b>11889.59</b>	544

14, 16, 18, 20 & 24 - Price On Application  
 NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.



## Actuated Valves Premium Actuated Lug Insert Butterfly Valve - Electric

Industrial grade valve with factory assembled lug inserts. Patented seat design uses no liner. Eliminates seat-creep and reduces operating torque. Full-featured actuator can be custom configured with add-on accessories.



- Solid SS316L Stem
- ANSI Class 150 Bolt Pattern
- 150 psi @ 73°F (23°C)
- 115 VAC standard, optional voltages available
- Zinc or SS Lug Inserts
- 2-Position Operation with 2-SPDT Limit Switches
- NEMA 4 Enclosure, Powder Coated
- Declutchable Manual Override
- Position Indicator

See **Electric Actuator Accessories** for Add-on Actuator Accessories

### PVC - Stainless Steel Lug Inserts

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
1-1/2	41121A121-015 1647.08	41221A121-015 1647.08	41321A121-015 1884.78	510
2	41121A121-020 1692.66	41221A121-020 1692.66	41321A121-020 1941.75	510
2-1/2	41121A121-025 1738.21	41221A121-025 1738.21	41321A121-025 1957.40	510
3	41121A121-030 2229.55	41221A121-030 2229.55	41321A121-030 2467.25	510
4	41121A121-040 2981.71	41221A121-040 2981.71	41321A121-040 3273.47	510
6	41121A121-060 3966.44	41221A121-060 3966.44	41321A121-060 4494.48	510
8	41121A121-080 4354.26	41221A121-080 4354.26	41321A121-080 5383.32	510
10	41121A121-100 6745.96	41221A121-100 6745.96	41321A121-100 8771.31	510
12	41121A123-120 8132.29	41221A123-120 8132.29	41321A123-120 10970.35	510

### PVC - Zinc Lug Inserts

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
1-1/2	41111A121-015 1583.91	41211A121-015 1583.91	41311A121-015 1837.09	510
2	41111A121-020 1632.88	41211A121-020 1632.88	41311A121-020 1982.45	510
2-1/2	41111A121-025 1654.37	41211A121-025 1654.37	41311A121-025 1925.38	510
3	41111A121-030 2145.58	41211A121-030 2145.58	41311A121-030 2349.13	510
4	41111A121-040 2830.84	41211A121-040 2830.84	41311A121-040 3081.34	510
6	41111A121-060 3768.60	41211A121-060 3768.60	41311A121-060 4219.80	510
8	41111A121-080 4108.03	41211A121-080 4108.03	41311A121-080 5117.15	510
10	41111A121-100 6252.08	41211A121-100 6252.08	41311A121-100 7974.26	510
12	41111A123-120 7561.56	41211A123-120 7561.56	41311A123-120 10809.51	510

### CPVC - Stainless Steel Lug Inserts

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
1-1/2	41122A121-015 1813.61	41222A121-015 1813.61	41322A121-015 2112.51	512
2	41122A121-020 1867.73	41222A121-020 1867.73	41322A121-020 2156.65	512
2-1/2	41122A121-025 1874.85	41222A121-025 1874.85	41322A121-025 2186.55	512
3	41122A121-030 2371.89	41222A121-030 2371.89	41322A121-030 2679.33	512
4	41122A121-040 3249.28	41222A121-040 3249.28	41322A121-040 3606.54	512
6	41122A121-060 4295.23	41222A121-060 4295.23	41322A121-060 4964.17	512
8	41122A121-080 4779.82	41222A121-080 4779.82	41322A121-080 6140.51	512
10	41122A121-100 7595.67	41222A121-100 7595.67	41322A121-100 10002.46	512

### CPVC - Stainless Steel Lug Inserts (continued)

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
12	41122A123-120 9097.27	41222A123-120 9097.27	41322A123-120 12397.92	512

### CPVC - Zinc Lug Inserts

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
1-1/2	41112A121-015 1712.57	41212A121-015 1712.57	41312A121-015 2061.82	512
2	41112A121-020 1768.09	41212A121-020 1768.09	41312A121-020 2076.25	512
2-1/2	41112A121-025 1775.23	41212A121-025 1775.23	41312A121-025 2108.00	512
3	41112A121-030 2266.56	41212A121-030 2266.56	41312A121-030 2521.34	512
4	41112A121-040 3001.68	41212A121-040 3001.63	41312A121-040 3364.57	512
6	41112A121-060 4056.12	41212A121-060 4056.12	41312A121-060 4622.59	512
8	41112A121-080 4453.89	41212A121-080 4453.89	41312A121-080 5831.64	512
10	41112A121-100 6953.75	41212A121-100 6953.75	41312A121-100 9340.63	512
12	41112A123-120 8372.83	41212A123-120 8372.83	41312A123-120 12007.94	512

**Actuated Valves**  
**Premium Actuated Lug Insert Butterfly Valve - Pneumatic**



Industrial grade valve with factory assembled lug inserts. Patented seat design uses no liner. Eliminates seat-creep and reduces operating torque. Full-featured actuator can be custom configured with add-on accessories.

- Solid SS316L Stem
- ANSI Class 150 Bolt Pattern
- 150 psi @ 73°F (23°C)
- Zinc or SS Lug Inserts
- 80 psi Operating Pressure, other options available
- 2-Position Air-Air or Air-Spring Closed (optional spring open)
- Dual Rack & Pinion with Adjustable Stops
- Manual Override
- Position Indicator

See **Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves** for Add-on Actuator Accessories

**PVC - Stainless Steel Lug Inserts**

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
1-1/2 Air to Air	41121H101-015 910.18	41221H101-015 898.26	41321H101-015 1135.95	540
1-1/2 Air to Spring	41121J101-015 962.57	41221J101-015 962.57	41321J101-015 1200.25	540
2 Air to Air	41121H101-020 943.84	41221H101-020 943.84	41321H101-020 1192.94	540
2 Air to Spring	41121J101-020 1098.89	41221J101-020 1098.89	41321J101-020 1347.97	540
2-1/2 Air to Air	41121H101-025 1038.93	41221H101-025 1038.93	41321H101-025 1258.11	540
2-1/2 Air to Spring	41121J101-025 1254.49	41221J101-025 1254.49	41321J101-025 1473.67	540
3 Air to Air	41121H101-030 1299.20	41221H101-030 1299.20	41321H101-030 1536.89	540
3 Air to Spring	41121J101-030 1339.69	41221J101-030 1339.69	41321J101-030 1577.39	540
4 Air to Air	41121H101-040 1729.88	41221H101-040 1729.88	41321H101-040 2021.65	540
4 Air to Spring	41121J101-040 1971.94	41221J101-040 1971.94	41321J101-040 2263.71	540
6 Air to Air	41121H101-060 2446.11	41221H101-060 2446.11	41321H101-060 2974.15	540
6 Air to Spring	41121J101-060 2789.51	41221J101-060 2789.51	41321J101-060 3317.54	540
8 Air to Air	41121H101-080 2924.01	41221H101-080 2924.01	41321H101-080 3953.04	540
8 Air to Spring	41121J101-080 3747.68	41221J101-080 3747.68	41321J101-080 4776.73	540
10 Air to Air	41121H101-100 4817.54	41221H101-100 4817.54	41321H101-100 6842.91	540
10 Air to Spring	41121J101-100 6037.95	41221J101-100 6037.95	41321J101-100 8063.31	540
12 Air to Air	41121H101-120 5388.03	41221H101-120 5388.03	41321H101-120 8226.08	540
12 Air to Spring	41121J101-120 6594.46	41221J101-120 6594.46	41321J101-120 9432.54	540

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

**PVC - Zinc Lug Inserts**

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
1-1/2 Air to Air	41111H101-015 808.61	41211H101-015 808.61	41311H101-015 1022.09	540
1-1/2 Air to Spring	41111J101-015 872.91	41211J101-015 872.91	41311J101-015 1086.39	540
2 Air to Air	41111H101-020 884.06	41211H101-020 884.06	41311H101-020 1074.79	540
2 Air to Spring	41111J101-020 1039.13	41211J101-020 1039.13	41311J101-020 1229.85	540
2-1/2 Air to Air	41111H101-025 954.95	41211H101-025 954.95	41311H101-025 1159.89	540
2-1/2 Air to Spring	41111J101-025 1170.53	41211J101-025 1170.53	41311J101-025 1375.47	540
3 Air to Air	41111H101-030 1215.23	41211H101-030 1215.23	41311H101-030 1418.77	540

**PVC - Zinc Lug Inserts (continued)**

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
3 Air to Spring	41111J101-030 1255.73	41211J101-030 1255.73	41311J101-030 1459.26	540
4 Air to Air	41111H101-040 1579.01	41211H101-040 1579.01	41311H101-040 1829.52	540
4 Air to Spring	41111J101-040 1821.05	41211J101-040 1821.05	41311J101-040 2071.56	540
6 Air to Air	41111H101-060 2380.64	41211H101-060 2380.64	41311H101-060 2699.46	540
6 Air to Spring	41111J101-060 2591.67	41211J101-060 2591.67	41311J101-060 3042.85	540
8 Air to Air	41111H101-080 2677.76	41211H101-080 2677.76	41311H101-080 3554.52	540
8 Air to Spring	41111J101-080 3501.44	41211J101-080 3501.44	41311J101-080 4378.19	540
10 Air to Air	41111H101-100 4323.67	41211H101-100 4323.67	41311H101-100 6045.85	540
10 Air to Spring	41111J101-100 5544.07	41211J101-100 5544.07	41311J101-100 7266.26	540
12 Air to Air	41111H101-120 4817.29	41211H101-120 4817.29	41311H101-120 8065.25	540
12 Air to Spring	41111J101-120 6023.73	41211J101-120 6023.73	41311J101-120 9271.69	540

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

**CPVC - Stainless Steel Lug Inserts**

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
1-1/2 Air to Air	41122H101-015 1064.78	41222H101-015 1064.78	41322H101-015 1363.68	542
1-1/2 Air to Spring	41122J101-015 1129.09	41222J101-015 1129.09	41322J101-015 1427.99	542
2 Air to Air	41122H101-020 1118.91	41222H101-020 1118.91	41322H101-020 1407.84	542
2 Air to Spring	41122J101-020 1273.97	41222J101-020 1273.97	41322J101-020 1562.88	542
2-1/2 Air to Air	41122H101-025 1175.57	41222H101-025 1175.57	41322H101-025 1487.25	542
2-1/2 Air to Spring	41122J101-025 1391.13	41222J101-025 1391.13	41322J101-025 1702.83	542
3 Air to Air	41122H101-030 1441.55	41222H101-030 1441.55	41322H101-030 1748.97	542
3 Air to Spring	41122J101-030 1482.38	41222J101-030 1482.03	41322J101-030 1789.46	542
4 Air to Air	41122H101-040 1997.46	41222H101-040 1997.46	41322H101-040 2354.73	542
4 Air to Spring	41122J101-040 2239.51	41222J101-040 2239.51	41322J101-040 2596.77	542
6 Air to Air	41122H101-060 2774.89	41222H101-060 2774.89	41322H101-060 3443.83	542
6 Air to Spring	41122J101-060 3118.29	41222J101-060 3118.29	41322J101-060 3787.23	542
8 Air to Air	41122H101-080 3349.57	41222H101-080 3349.57	41322H101-080 4710.23	542
8 Air to Spring	41122J101-080 4173.23	41222J101-080 4173.23	41322J101-080 5533.92	542



**Actuated Valves**  
**Premium Actuated Lug Insert Butterfly Valve - Pneumatic**

**CPVC - Stainless Steel Lug Inserts (continued)**

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
<b>10 Air to Air</b>	41122H101-100 <b>5667.25</b>	41222H101-100 <b>5667.25</b>	41322H101-100 <b>8074.05</b>	542
<b>10 Air to Spring</b>	41122J101-100 <b>6279.72</b>	41222J101-100 <b>6279.72</b>	41322J101-100 <b>8686.51</b>	542
<b>12 Air to Air</b>	41122H101-120 <b>6353.03</b>	41222H101-120 <b>6353.03</b>	41322H101-120 <b>9653.65</b>	542
<b>12 Air to Spring</b>	41122J101-120 <b>7559.47</b>	41222J101-120 <b>7559.47</b>	41322J101-120 <b>10860.09</b>	542

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

**CPVC - Zinc Lug Inserts**

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
<b>1-1/2 Air to Air</b>	41112H101-015 <b>963.74</b>	41212H101-015 <b>963.74</b>	41312H101-015 <b>1207.13</b>	542
<b>1-1/2 Air to Spring</b>	41112J101-015 <b>1027.77</b>	41212J101-015 <b>1027.77</b>	41312J101-015 <b>1271.42</b>	542
<b>2 Air to Air</b>	41112H101-020 <b>1019.27</b>	41212H101-020 <b>1019.27</b>	41312H101-020 <b>1261.24</b>	542
<b>2 Air to Spring</b>	41112J101-020 <b>1174.34</b>	41212J101-020 <b>1174.31</b>	41312J101-020 <b>1416.31</b>	542
<b>2-1/2 Air to Air</b>	41112H101-025 <b>1075.94</b>	41212H101-025 <b>1075.94</b>	41312H101-025 <b>1329.27</b>	542
<b>2-1/2 Air to Spring</b>	41112J101-025 <b>1291.51</b>	41212J101-025 <b>1291.51</b>	41312J101-025 <b>1544.85</b>	542
<b>3 Air to Air</b>	41112H101-030 <b>1336.20</b>	41212H101-030 <b>1336.20</b>	41312H101-030 <b>1590.98</b>	542
<b>3 Air to Spring</b>	41112J101-030 <b>1376.69</b>	41212J101-030 <b>1376.69</b>	41312J101-030 <b>1631.46</b>	542
<b>4 Air to Air</b>	41112H101-040 <b>1749.82</b>	41212H101-040 <b>1749.82</b>	41312H101-040 <b>2112.76</b>	542
<b>4 Air to Spring</b>	41112J101-040 <b>1991.86</b>	41212J101-040 <b>1991.86</b>	41312J101-040 <b>2354.80</b>	542
<b>6 Air to Air</b>	41112H101-060 <b>2535.78</b>	41212H101-060 <b>2535.78</b>	41312H101-060 <b>3102.25</b>	542
<b>6 Air to Spring</b>	41112J101-060 <b>2879.17</b>	41212J101-060 <b>2879.17</b>	41312J101-060 <b>3445.64</b>	542
<b>8 Air to Air</b>	41112H101-080 <b>3023.64</b>	41212H101-080 <b>3023.64</b>	41312H101-080 <b>4401.39</b>	542
<b>8 Air to Spring</b>	41112J101-080 <b>3847.32</b>	41212J101-080 <b>3847.32</b>	41312J101-080 <b>5225.06</b>	542
<b>10 Air to Air</b>	41112H101-100 <b>5025.36</b>	41212H101-100 <b>5025.36</b>	41312H101-100 <b>7412.23</b>	542
<b>10 Air to Spring</b>	41112J101-100 <b>5637.80</b>	41212J101-100 <b>5637.80</b>	41312J101-100 <b>8024.68</b>	542
<b>12 Air to Air</b>	41112H101-120 <b>5628.57</b>	41212H101-120 <b>5628.57</b>	41312H101-120 <b>9263.67</b>	542
<b>12 Air to Spring</b>	41112J101-120 <b>6835.01</b>	41212J101-120 <b>6835.01</b>	41312J101-120 <b>10470.12</b>	542

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

## Actuated Valves Premium Actuated True Lug Butterfly Valve - Electric



Industrial grade lug style valve with patented seat design uses no liner. Eliminates seat-creep and reduces operating torque. Full-featured actuator can be custom configured with add-on accessories.

- Solid SS316L Stem
- ANSI Class 150 Bolt Pattern
- 150 psi @ 73°F (23°C)
- 115 VAC standard, optional voltages available
- 2-Position Operation with 2-SPDT Limit Switches
- NEMA 4 Enclosure, Powder Coated
- Declutchable Manual Override
- Position Indicator

See **Electric Actuator Accessories** for Add-on Actuator Accessories

### PVC - Stainless Steel Lugs

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
1-1/2	51121A121-015 <b>2011.01</b>	51221A121-015 <b>2011.01</b>	51321A121-015 <b>2343.89</b>	510
2	51121A121-020 <b>2041.21</b>	51221A121-020 <b>2041.21</b>	51321A121-020 <b>2390.58</b>	510
2-1/2	51121A121-025 <b>2121.34</b>	51221A121-025 <b>2121.34</b>	51321A121-025 <b>2426.55</b>	510
3	51121A121-030 <b>2405.72</b>	51221A121-030 <b>2405.72</b>	51321A121-030 <b>2740.20</b>	510
4	51121A121-040 <b>3170.02</b>	51221A121-040 <b>3170.02</b>	51321A121-040 <b>3578.43</b>	510
6	51121A121-060 <b>4208.87</b>	51221A121-060 <b>4208.87</b>	51321A121-060 <b>4947.49</b>	510
8	51121A121-080 <b>4650.21</b>	51221A121-080 <b>4650.21</b>	51321A121-080 <b>6089.76</b>	510
10	51121A121-100 <b>7598.87</b>	51221A121-100 <b>7598.87</b>	51321A121-100 <b>10432.09</b>	510
12	51121A123-120 <b>9005.74</b>	51221A123-120 <b>9005.74</b>	51321A123-120 <b>12976.26</b>	510

### PVC - Zinc Lugs

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
1-1/2	51111A121-015 <b>1886.03</b>	51211A121-015 <b>1886.03</b>	51311A121-015 <b>2186.18</b>	510
2	51111A121-020 <b>1958.35</b>	51211A121-020 <b>1958.35</b>	51311A121-020 <b>2224.12</b>	510
2-1/2	51111A121-025 <b>2006.60</b>	51211A121-025 <b>2006.60</b>	51311A121-025 <b>2290.58</b>	510
3	51111A121-030 <b>2289.53</b>	51211A121-030 <b>2289.53</b>	51311A121-030 <b>2573.79</b>	510
4	51111A121-040 <b>2961.57</b>	51211A121-040 <b>2961.57</b>	51311A121-040 <b>3226.01</b>	510
6	51111A121-060 <b>3934.39</b>	51211A121-060 <b>3934.39</b>	51311A121-060 <b>4564.60</b>	510
8	51111A121-080 <b>4307.99</b>	51211A121-080 <b>4307.99</b>	51311A121-080 <b>5533.55</b>	510
10	51111A121-100 <b>6909.63</b>	51211A121-100 <b>6909.63</b>	51311A121-100 <b>9317.88</b>	510
12	51111A123-120 <b>8208.56</b>	51211A123-120 <b>8208.56</b>	51311A123-120 <b>10899.46</b>	510

### CPVC - Stainless Steel Lugs

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
1-1/2	51122A121-015 <b>2244.86</b>	51222A121-015 <b>2244.86</b>	51322A121-015 <b>2664.37</b>	512
2	51122A121-020 <b>2286.85</b>	51222A121-020 <b>2286.85</b>	51322A121-020 <b>2690.41</b>	512
2-1/2	51122A121-025 <b>2312.57</b>	51222A121-025 <b>2312.57</b>	51322A121-025 <b>2748.95</b>	512
3	51122A121-030 <b>2606.44</b>	51222A121-030 <b>2606.44</b>	51322A121-030 <b>3036.46</b>	512
4	51122A121-040 <b>3545.11</b>	51222A121-040 <b>3545.11</b>	51322A121-040 <b>4046.33</b>	512
6	51122A121-060 <b>4243.87</b>	51222A121-060 <b>4243.87</b>	51322A121-060 <b>5605.88</b>	512
8	51122A121-080 <b>5246.92</b>	51222A121-080 <b>5246.92</b>	51322A121-080 <b>6964.93</b>	512
10	51122A121-100 <b>8791.35</b>	51222A121-100 <b>8791.35</b>	51322A121-100 <b>12154.11</b>	512

### CPVC - Stainless Steel Lugs (continued)

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
12	51122A123-120 <b>10356.16</b>	51222A123-120 <b>10356.16</b>	51322A123-120 <b>14972.41</b>	512

### CPVC - Zinc Lugs

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
1-1/2	51112A121-015 <b>2104.78</b>	51212A121-015 <b>2104.78</b>	51312A121-015 <b>2443.94</b>	512
2	51112A121-020 <b>2147.42</b>	51212A121-020 <b>2147.42</b>	51312A121-020 <b>2486.56</b>	512
2-1/2	51112A121-025 <b>2171.81</b>	51212A121-025 <b>2171.81</b>	51312A121-025 <b>2528.78</b>	512
3	51112A121-030 <b>2343.52</b>	51212A121-030 <b>2343.52</b>	51312A121-030 <b>2816.27</b>	512
4	51112A121-040 <b>3197.08</b>	51212A121-040 <b>3197.08</b>	51312A121-040 <b>3708.02</b>	512
6	51112A121-060 <b>4335.97</b>	51212A121-060 <b>4335.97</b>	51312A121-060 <b>5127.55</b>	512
8	51112A121-080 <b>4791.56</b>	51212A121-080 <b>4791.56</b>	51312A121-080 <b>6346.80</b>	512
10	51112A121-100 <b>7892.68</b>	51212A121-100 <b>7892.68</b>	51312A121-100 <b>10858.58</b>	512
12	51112A123-120 <b>9342.08</b>	51212A123-120 <b>9342.08</b>	51312A123-120 <b>12205.83</b>	512





## Actuated Valves Premium Actuated True Lug Butterfly Valve - Pneumatic



Industrial grade lug style valve with patented seat design uses no liner. Eliminates seat-creep and reduces operating torque. Full-featured actuator can be custom configured with add-on accessories.

- Solid SS316L Stem
- ANSI Class 150 Bolt Pattern
- 150 psi @ 73°F (23°C)
- Zinc or SS Lugs
- 80 psi Operating Pressure, other options available
- 2-Position Air-Air or Air-Spring Closed (optional spring open)
- Dual Rack & Pinion with Adjustable Stops
- Manual Override
- Position Indicator

See **Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves** for Add-on Actuator Accessories

### PVC - Stainless Steel Lugs

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
1-1/2 Air to Air	51121H101-015 1067.92	51221H101-015 1067.92	51321H101-015 1400.82	540
1-1/2 Air to Spring	51121J101-015 1137.32	51221J101-015 1137.32	51321J101-015 1470.20	540
2 Air to Air	51121H101-020 1101.28	51221H101-020 1101.28	51321H101-020 1447.48	540
2 Air to Spring	51121J101-020 1262.16	51221J101-020 1262.16	51321J101-020 1611.48	540
2-1/2 Air to Air	51121H101-025 1178.24	51221H101-025 1178.24	51321H101-025 1483.47	540
2-1/2 Air to Spring	51121J101-025 1405.36	51221J101-025 1405.36	51321J101-025 1710.56	540
3 Air to Air	51121H101-030 1295.45	51221H101-030 1295.45	51321H101-030 1629.95	540
3 Air to Spring	51121J101-030 1481.55	51221J101-030 1481.55	51321J101-030 1816.04	540
4 Air to Air	51121H101-040 2006.15	51221H101-040 2006.15	51321H101-040 2414.57	540
4 Air to Spring	51121J101-040 2264.78	51221J101-040 2264.78	51321J101-040 2673.22	540
6 Air to Air	51121H101-060 2669.65	51221H101-060 2669.65	51321H101-060 3408.28	540
6 Air to Spring	51121J101-060 3177.44	51221J101-060 3177.44	51321J101-060 3916.08	540
8 Air to Air	51121H101-080 3287.64	51221H101-080 3287.64	51321H101-080 4727.18	540
8 Air to Spring	51121J101-080 4000.46	51221J101-080 4000.46	51321J101-080 5440.02	540
10 Air to Air	51121H101-100 5700.09	51221H101-100 5700.09	51321H101-100 8533.31	540
10 Air to Spring	51121J101-100 6892.34	51221J101-100 6892.34	51321J101-100 9788.66	540
12 Air to Air	51121H101-120 6425.66	51221H101-120 6425.66	51321H101-120 10394.62	540
12 Air to Spring	51121J101-120 7681.00	51221J101-120 7681.00	51321J101-120 11649.95	540

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

### PVC - Zinc Lugs

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
1-1/2 Air to Air	51111H101-015 942.95	51211H101-015 942.95	51311H101-015 1243.12	540
1-1/2 Air to Spring	51111J101-015 1012.35	51211J101-015 1012.35	51311J101-015 1312.48	540
2 Air to Air	51111H101-020 1015.25	51211H101-020 1015.25	51311H101-020 1281.04	540
2 Air to Spring	51111J101-020 1179.27	51211J101-020 1179.27	51311J101-020 1445.07	540
2-1/2 Air to Air	51111H101-025 1063.49	51211H101-025 1063.49	51311H101-025 1347.51	540
2-1/2 Air to Spring	51111J101-025 1290.60	51211J101-025 1290.60	51311J101-025 1574.59	540
3 Air to Air	51111H101-030 1179.29	51211H101-030 1179.29	51311H101-030 1463.54	540

### PVC - Zinc Lugs (continued)

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
3 Air to Spring	51111J101-030 1365.40	51211J101-030 1365.40	51311J101-030 1649.63	540
4 Air to Air	51111H101-040 1797.69	51211H101-040 1797.69	51311H101-040 2062.13	540
4 Air to Spring	51111J101-040 2056.33	51211J101-040 2596.38	51311J101-040 2320.76	540
6 Air to Air	51111H101-060 2395.19	51211H101-060 2395.19	51311H101-060 3025.40	540
6 Air to Spring	51111J101-060 2902.98	51211J101-060 2902.98	51311J101-060 3533.20	540
8 Air to Air	51111H101-080 2945.42	51211H101-080 2945.42	51311H101-080 4170.98	540
8 Air to Spring	51111J101-080 4232.31	51211J101-080 4232.31	51311J101-080 4883.81	540
10 Air to Air	51111H101-100 5010.85	51211H101-100 5010.85	51311H101-100 7419.13	540
10 Air to Spring	51111J101-100 6266.19	51211J101-100 6266.19	51311J101-100 8674.45	540
12 Air to Air	51111H101-120 5628.48	51211H101-120 5628.48	51311H101-120 8319.40	540
12 Air to Spring	51111J101-120 6883.84	51211J101-120 6883.84	51311J101-120 9574.74	540

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

### CPVC - Stainless Steel Lugs

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
1-1/2 Air to Air	51122H101-015 1301.76	51222H101-015 1301.76	51322H101-015 1721.29	542
1-1/2 Air to Spring	51122J101-015 1371.16	51222J101-015 1371.16	51322J101-015 1790.67	542
2 Air to Air	51122H101-020 1343.79	51222H101-020 1343.79	51322H101-020 1747.31	542
2 Air to Spring	51122J101-020 1507.80	51222J101-020 1507.80	51322J101-020 1911.34	542
2-1/2 Air to Air	51122H101-025 1369.48	51222H101-025 1369.48	51322H101-025 1805.85	542
2-1/2 Air to Spring	51122J101-025 1596.57	51222J101-025 1596.57	51322J101-025 2032.96	542
3 Air to Air	51122H101-030 1496.19	51222H101-030 1496.19	51322H101-030 1926.21	542
3 Air to Spring	51122J101-030 1682.28	51222J101-030 1682.28	51322J101-030 2112.32	542
4 Air to Air	51122H101-040 2381.24	51222H101-040 2381.24	51322H101-040 2882.45	542
4 Air to Spring	51122J101-040 2639.86	51222J101-040 2639.86	51322J101-040 3141.09	542
6 Air to Air	51122H101-060 3130.47	51222H101-060 3130.47	51322H101-060 4066.65	542
6 Air to Spring	51122J101-060 3638.27	51222J101-060 3638.27	51322J101-060 4574.49	542
8 Air to Air	51122H101-080 3884.34	51222H101-080 3884.34	51322H101-080 5602.33	542
8 Air to Spring	51122J101-080 4597.16	51222J101-080 4597.16	51322J101-080 6315.19	542

**Actuated Valves**  
**Premium Actuated True Lug Butterfly Valve - Pneumatic**



**CPVC - Stainless Steel Lugs (continued)**

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
<b>10 Air to Air</b>	51122H101-100 <b>6892.57</b>	51222H101-100 <b>6892.57</b>	51322H101-100 <b>10255.32</b>	542
<b>10 Air to Spring</b>	51122J101-100 <b>8147.92</b>	51222J101-100 <b>8147.92</b>	51322J101-100 <b>11510.66</b>	542
<b>12 Air to Air</b>	51122H101-120 <b>7776.09</b>	51222H101-120 <b>7776.09</b>	51322H101-120 <b>12392.34</b>	542
<b>12 Air to Spring</b>	51122J101-120 <b>9031.45</b>	51222J101-120 <b>9031.45</b>	51322J101-120 <b>13647.68</b>	542

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

**CPVC - Zinc Lugs**

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Disc Code
<b>1-1/2 Air to Air</b>	51112H101-015 <b>1161.68</b>	51212H101-015 <b>1161.68</b>	51312H101-015 <b>1500.85</b>	542
<b>1-1/2 Air to Spring</b>	51112J101-015 <b>1231.08</b>	51212J101-015 <b>1231.08</b>	51312J101-015 <b>1570.23</b>	542
<b>2 Air to Air</b>	51112H101-020 <b>1204.34</b>	51212H101-020 <b>1204.34</b>	51312H101-020 <b>1543.47</b>	542
<b>2 Air to Spring</b>	51112J101-020 <b>1368.36</b>	51212J101-020 <b>1368.36</b>	51312J101-020 <b>1707.48</b>	542
<b>2-1/2 Air to Air</b>	51112H101-025 <b>1228.71</b>	51212H101-025 <b>1228.71</b>	51312H101-025 <b>1585.69</b>	542
<b>2-1/2 Air to Spring</b>	51112J101-025 <b>1455.80</b>	51212J101-025 <b>1455.80</b>	51312J101-025 <b>1812.80</b>	542
<b>3 Air to Air</b>	51112H101-030 <b>1233.27</b>	51212H101-030 <b>1233.27</b>	51312H101-030 <b>1706.02</b>	542
<b>3 Air to Spring</b>	51112J101-030 <b>1419.34</b>	51212J101-030 <b>1419.34</b>	51312J101-030 <b>1892.13</b>	542
<b>4 Air to Air</b>	51112H101-040 <b>2033.20</b>	51212H101-040 <b>2033.20</b>	51312H101-040 <b>2544.16</b>	542
<b>4 Air to Spring</b>	51112J101-040 <b>2291.83</b>	51212J101-040 <b>2291.83</b>	51312J101-040 <b>2802.78</b>	542
<b>6 Air to Air</b>	51112H101-060 <b>2796.74</b>	51212H101-060 <b>2796.74</b>	51312H101-060 <b>3588.35</b>	542
<b>6 Air to Spring</b>	51112J101-060 <b>3304.58</b>	51212J101-060 <b>3304.58</b>	51312J101-060 <b>4096.16</b>	542
<b>8 Air to Air</b>	51112H101-080 <b>3428.99</b>	51212H101-080 <b>3428.99</b>	51312H101-080 <b>4984.22</b>	542
<b>8 Air to Spring</b>	51112J101-080 <b>4141.80</b>	51212J101-080 <b>4141.80</b>	51312J101-080 <b>5697.06</b>	542
<b>10 Air to Air</b>	51112H101-100 <b>5993.88</b>	51212H101-100 <b>5993.88</b>	51312H101-100 <b>8959.81</b>	542
<b>10 Air to Spring</b>	51112J101-100 <b>7249.24</b>	51212J101-100 <b>7249.24</b>	51312J101-100 <b>10215.15</b>	542
<b>12 Air to Air</b>	51112H101-120 <b>6762.03</b>	51212H101-120 <b>6762.03</b>	51312H101-120 <b>9625.77</b>	542
<b>12 Air to Spring</b>	51112J101-120 <b>8017.36</b>	51212J101-120 <b>8017.36</b>	51312J101-120 <b>10881.11</b>	542

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.



## Actuated Valves Tandem Actuated Butterfly Valves

Custom configured and produced to order, Spears® Tandem Actuated Butterfly Valves are available in multiple configurations to meet variety of operational needs. Tandem Actuated Butterfly Valves utilize a Tee-Style configuration for 3-way or diverting operation where two (2) valves are operated from one (1) actuator.

Electric



Pneumatic



### Multi-Featured Options:

- Tandem 3-Way: two valves operated from one actuator, both closing or both opening at the same time.
- Tandem Diverting: two valves operated from one actuator, one opening while the other closes.
- Variable Valve Orientation Available
- Multi Seat Material Options including EPDM, FKM, Buna-N, and PTFE Sleeved Seats.
- Multi Flanged Connection Options including Standard, Lug-Insert or True-Lug Style Valves
- Multi Actuation Option, including Electric or Pneumatic with a host of Actuation Accessories for each (see Electric or Pneumatic Actuator Accessories for Butterfly Valves)

**Pressure Rating @ 73°F (23°C), Water**  
150 psi for Sizes through 12"  
(Larger Sizes Available)

**Maximum Service Temperature**  
PVC = 140°F (60°C)  
CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply

**CONTACT SPEARS® FOR SELECTION ASSISTANCE & PRICING**

## Actuated Valves Premium Actuated Diaphragm Valve - Electric



Industrial grade Weir-type design, excellent for throttling and use with viscous fluids. Full-featured actuator can be custom configured with add-on accessories.

- Stainless Steel Hardware
- 235 psi @ 73°F (23°C) - sizes 1/2" - 2" (flanged & PTFE diaphragm-150 psi), 2-1/2" - 4"-150 psi
- 115 VAC standard, optional voltages available
- Multi-turn Operation with 2-SPDT Limit Switches
- NEMA 4 Enclosure, Powder Coated

See **Electric Actuator Accessories** for Add-on Actuator Accessories

### PVC - EPDM and FKM Diaphragms

Material	EPDM O-ring & EPDM Diaphragm				FKM O-ring & FKM Diaphragm				Disc Code
	Joint	Socket	SR Threaded	Spigot	Flanged	Socket	SR Thread	Spigot	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each
1/2	91121A101-005 1904.72	93121A101-005 1910.05	94021A101-005 1901.34	95021A101-005 1985.43	91231A101-005 1919.76	93231A101-005 1925.12	94031A101-005 1915.96	95031A101-005 2003.28	520
3/4	91121A101-007 1923.00	93121A101-007 1930.71	94021A101-007 1918.02	95021A101-007 2012.18	91231A101-007 1940.03	93231A101-007 1947.73	94031A101-007 1933.88	95031A101-007 2018.29	520
1	91121A101-010 1964.96	93121A101-010 1975.65	94021A101-010 1960.15	95021A101-010 2048.81	91231A101-010 1983.71	93231A101-010 1994.35	94031A101-010 1976.60	95031A101-010 2081.12	520
1-1/4	91121A101-012 2059.01	93121A101-012 2076.16	94021A101-012 2049.91	95021A101-012 2146.65	91231A101-012 2112.54	93231A101-012 2129.35	94031A101-012 2106.21	95031A101-012 2186.35	520
1-1/2	91121A101-015 2073.48	93121A101-015 2102.77	94021A101-015 2066.04	95021A101-015 2151.12	91231A101-015 2120.31	93231A101-015 2120.31	94031A101-015 2111.68	95031A101-015 2194.80	520
2	91121A101-020 2885.93	93121A101-020 2944.49	94021A101-020 2874.76	95021A101-020 2981.86	91231A101-020 2952.52	93231A101-020 3012.77	94031A101-020 2937.79	95031A101-020 3013.66	520
2-1/2	---	---	---	95021A101-025 3459.73	---	---	---	95031A101-025 3550.77	520
3	---	---	---	95021A101-030 3674.27	---	---	---	95031A101-030 3768.92	520
4	---	---	---	95021A101-040 4332.48	---	---	---	95031A101-040 4439.16	520

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors.  
O-rings used on Socket and SR Thread End Connectors only.

### PVC - Elastomer Backed Diaphragms

Material	EPDM O-ring & EPDM Backed PTFE Diaphragm				FKM O-ring & EPDM Backed PTFE Diaphragm				Disc Code
	Joint	Socket	SR Thread	Spigot	Flanged	Socket	SR Thread	Spigot	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each
1/2	91151A101-005 1985.04	93151A101-005 1990.42	94051A101-005 1977.64	95051A101-005 2064.54	91251A101-005 2008.71	93251A101-005 2014.07	---	---	520
3/4	91151A101-007 1999.71	93151A101-007 2007.42	94051A101-007 1991.60	95051A101-007 2088.47	91251A101-007 2027.84	93251A101-007 2035.55	---	---	520
1	91151A101-010 2107.92	93151A101-010 2118.59	94051A101-010 2100.04	95051A101-010 2182.13	91251A101-010 2120.06	93251A101-010 2130.73	---	---	520
1-1/4	91151A101-012 2232.40	93151A101-012 2249.48	94051A101-012 2221.79	95051A101-012 2323.41	91251A101-012 2259.79	93251A101-012 2276.91	---	---	520
1-1/2	91151A101-015 2263.27	93151A101-015 2292.54	94051A101-015 2251.11	95051A101-015 2343.33	91251A101-015 2287.64	93251A101-015 2316.92	---	---	520
2	91151A101-020 3093.97	93151A101-020 3124.66	94051A101-020 3076.94	95051A101-020 3176.37	91251A101-020 3122.49	93251A101-020 3186.22	---	---	520
2-1/2	---	---	---	95051A101-025 3841.39	---	---	---	---	520
3	---	---	---	95051A101-030 4219.27	---	---	---	---	520
4	---	---	---	95051A101-040 4981.31	---	---	---	---	520

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors.  
O-rings used on Socket and SR Thread End Connectors only.

### CPVC - EPDM and FKM Diaphragms

Material	EPDM O-ring & EPDM Diaphragm				FKM O-ring & FKM Diaphragm				Disc Code
	Joint	Socket	SR Thread	Spigot	Flanged	Socket	SR Thread	Spigot	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each
1/2	91122A101-005 2008.96	93122A101-005 2014.33	94022A101-005 2002.91	95022A101-005 2059.01	91232A101-005 2076.35	93232A101-005 2081.71	94032A101-005 2066.69	95032A101-005 1947.31	522
3/4	91122A101-007 2035.98	93122A101-007 2043.68	94022A101-007 2028.61	95022A101-007 2093.19	91232A101-007 2096.67	93232A101-007 2104.38	94032A101-007 2086.56	95032A101-007 2127.05	522
1	91122A101-010 2083.36	93122A101-010 2094.02	94022A101-010 2076.81	95022A101-010 2174.43	91232A101-010 2173.65	93232A101-010 2184.33	94032A101-010 2162.53	95032A101-010 2221.57	522



**Actuated Valves**  
**Premium Actuated Diaphragm Valve - Electric**

**CPVC - EPDM and FKM Diaphragms (continued)**

Material	EPDM O-ring & EPDM Diaphragm				FKM O-ring & FKM Diaphragm				Disc Code
	Joint	Socket Part #	SR Thread Part #	Spigot Part #	Flanged Part #	Socket Part #	SR Thread Part #	Spigot Part #	
Size	Price Each	Price Each	Price Each	Price Each	Price Each	Price Each	Price Each	Price Each	Price Each
<b>1-1/4</b>	91122A101-012 <b>2237.77</b>	93122A101-012 <b>2254.89</b>	94022A101-012 <b>2226.16</b>	95022A101-012 <b>2285.12</b>	91232A101-012 <b>2372.79</b>	93232A101-012 <b>2389.86</b>	94032A101-012 <b>2357.74</b>	95032A101-012 <b>2359.27</b>	522
<b>1-1/2</b>	91122A101-015 <b>2267.07</b>	93122A101-015 <b>2267.07</b>	94022A101-015 <b>2236.15</b>	95022A101-015 <b>2291.87</b>	91232A101-015 <b>2395.36</b>	93232A101-015 <b>2418.32</b>	94032A101-015 <b>2379.13</b>	95032A101-015 <b>2436.71</b>	522
<b>2</b>	91122A101-020 <b>3043.73</b>	93122A101-020 <b>3105.84</b>	94022A101-020 <b>2917.48</b>	95022A101-020 <b>2679.78</b>	91232A101-020 <b>3174.93</b>	93232A101-020 <b>3239.72</b>	94032A101-020 <b>3158.27</b>	95032A101-020 <b>3188.32</b>	522
<b>2-1/2</b>	---	---	---	95022A101-025 <b>3895.72</b>	---	---	---	95032A101-025 <b>4021.01</b>	522
<b>3</b>	---	---	---	95022A101-030 <b>4441.96</b>	---	---	---	95032A101-030 <b>4621.80</b>	522
<b>4</b>	---	---	---	95022A101-040 <b>5376.61</b>	---	---	---	95032A101-040 <b>5623.08</b>	522

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors.  
O-rings used on Socket and SR Thread End Connectors only.

**CPVC Premium Actuated Diaphragm Valves -Electric**

Material	EPDM O-ring & EPDM Backed PTFE Diaphragm				FKM O-ring & EPDM Backed PTFE Diaphragm				Disc Code
	Joint	Socket Part #	SR Thread Part #	Spigot Part #	Flanged Part #	Socket Part #	SR Thread Part #	Spigot Part #	
Size	Price Each	Price Each	Price Each	Price Each	Price Each	Price Each	Price Each	Price Each	Price Each
<b>1/2</b>	91152A101-005 <b>2113.69</b>	93152A101-005 <b>2119.07</b>	94052A101-005 <b>2103.99</b>	95052A101-005 <b>2186.85</b>	91252A101-005 <b>2140.04</b>	93252A101-005 <b>2145.40</b>	---	---	522
<b>3/4</b>	91152A101-007 <b>2149.63</b>	93152A101-007 <b>2157.33</b>	94052A101-007 <b>2138.15</b>	95052A101-007 <b>2215.72</b>	91252A101-007 <b>2166.85</b>	93252A101-007 <b>2185.78</b>	---	---	522
<b>1</b>	91152A101-010 <b>2238.00</b>	93152A101-010 <b>2248.65</b>	94052A101-010 <b>2226.26</b>	95052A101-010 <b>2324.11</b>	91252A101-010 <b>2257.95</b>	93252A101-010 <b>2268.59</b>	---	---	522
<b>1-1/4</b>	91152A101-012 <b>2413.65</b>	93152A101-012 <b>2430.75</b>	94052A101-012 <b>2396.54</b>	95052A101-012 <b>2467.96</b>	91252A101-012 <b>2436.19</b>	93252A101-012 <b>2453.32</b>	---	---	522
<b>1-1/2</b>	91152A101-015 <b>2423.56</b>	93152A101-015 <b>2452.83</b>	94052A101-015 <b>2407.27</b>	95052A101-015 <b>2602.59</b>	91252A101-015 <b>2461.00</b>	93252A101-015 <b>2490.27</b>	---	---	522
<b>2</b>	91152A101-020 <b>3253.81</b>	93152A101-020 <b>3320.21</b>	94052A101-020 <b>3235.29</b>	95052A101-020 <b>3464.61</b>	91252A101-020 <b>3332.48</b>	93252A101-020 <b>3400.51</b>	---	---	522
<b>2-1/2</b>	---	---	---	95052A101-025 <b>4675.37</b>	---	---	---	---	522
<b>3</b>	---	---	---	95052A101-030 <b>5259.75</b>	---	---	---	---	522
<b>4</b>	---	---	---	95052A101-040 <b>6392.31</b>	---	---	---	---	522

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors.  
O-rings used on Socket and SR Thread End Connectors only.

**Actuated Valves  
Premium Actuated Diaphragm Valve - Electric**



**Polypropylene - EPDM O-ring and EPDM Diaphragm**

Size	SR Thread	Flanged	Disc Code
<b>1/2</b>	93123A101-005 <b>1908.37</b>	---	524
<b>3/4</b>	93123A101-007 <b>1927.66</b>	---	524
<b>1</b>	93123A101-010 <b>1971.52</b>	---	524
<b>1-1/4</b>	93123A101-012 <b>2073.01</b>	---	524
<b>1-1/2</b>	93123A101-015 <b>2086.68</b>	---	524
<b>2</b>	93123A101-020 <b>2895.56</b>	---	524
<b>2-1/2</b>	---	95023A101-025 <b>3503.72</b>	524
<b>3</b>	---	95023A101-030 <b>3796.26</b>	524
<b>4</b>	---	95023A101-040 <b>4553.73</b>	524

NOTE: O-rings used on SR Thread End Connectors only.

**Polypropylene Premium Actuated Diaphragm Valves - Electric**

Size	SR Thread	Flanged	Disc Code
<b>1/2</b>	93253A101-005 <b>2003.25</b>	---	524
<b>3/4</b>	93253A101-007 <b>2016.18</b>	---	524
<b>1</b>	93253A101-010 <b>2132.38</b>	---	524
<b>1-1/4</b>	93253A101-012 <b>2262.38</b>	---	524
<b>1-1/2</b>	93253A101-015 <b>2294.72</b>	---	524
<b>2</b>	93253A101-020 <b>3131.36</b>	---	524

**FKM O-ring and EPDM Backed PTFE Diaphragm SR Thread**

NOTE: O-rings used on SR Thread End Connectors only.

**Polypropylene - FKM O-ring and FKM Diaphragm**

Size	SR Thread	Flanged	Disc Code
<b>1/2</b>	93233A101-005 <b>1924.02</b>	---	524
<b>3/4</b>	93233A101-007 <b>1945.02</b>	---	524
<b>1</b>	93233A101-010 <b>1991.44</b>	---	524
<b>1-1/4</b>	93233A101-012 <b>2106.79</b>	---	524
<b>1-1/2</b>	93233A101-015 <b>2120.94</b>	---	524
<b>2</b>	93233A101-020 <b>2936.67</b>	---	524
<b>2-1/2</b>	---	95033A101-025 <b>3575.22</b>	524
<b>3</b>	---	95033A101-030 <b>3898.29</b>	524
<b>4</b>	---	95033A101-040 <b>4695.06</b>	524

NOTE: O-rings used on SR Thread End Connectors only.

**Polypropylene - EPDM O-ring and EPDM Backed PTFE Diaphragm**

Size	SR Thread	Flanged	Disc Code
<b>1/2</b>	93153A101-005 <b>1991.58</b>	---	524
<b>3/4</b>	93153A101-007 <b>2001.98</b>	---	524
<b>1</b>	93153A101-010 <b>2114.75</b>	---	524
<b>1-1/4</b>	93153A101-012 <b>2239.88</b>	---	524
<b>1-1/2</b>	93153A101-015 <b>2270.66</b>	---	524
<b>2</b>	93153A101-020 <b>3147.36</b>	---	524
<b>2-1/2</b>	---	95053A101-025 <b>3906.71</b>	524
<b>3</b>	---	95053A101-030 <b>4316.74</b>	524
<b>4</b>	---	95053A101-040 <b>5127.48</b>	524

NOTE: O-rings used on SR Thread End Connectors only.



## Actuated Valves Unitized Actuated Diaphragm Valve - Pneumatic with Plastic Housing



Industrial grade Weir-type design, excellent for throttling and use with viscous fluids or slurries.

- Compact, Light Weight Design
- True Union Socket/Thread, SR Thread, or Spigot End Connections - sizes 1/2"-2" Pressure Rated to 235 psi @ 73°F (23°C)
- Flanged Ends (& PTFE diaphragms) - sizes 1/2" - 2" Pressure Rated to 150 psi @ 73°F (23°C)
- Corrosion Resistant Plastic Housing
- Stainless Steel Hardware
- 90 psi Operating Pressure
- Linear Action Operation with Preset Stops
- Air-Air, Air-Spring Closed, or Optional Air-Spring Open

NOTE: "Socket" valves include standard plastic thread end connectors.

### PVC - EPDM O-ring and EPDM Diaphragm

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91121H850-005 <b>182.11</b>	93121H850-005 <b>182.11</b>	94021H850-005 <b>176.64</b>	95021H850-005 <b>209.47</b>	550
<b>3/4 Air to Air</b>	91121H850-007 <b>194.74</b>	93121H850-007 <b>194.74</b>	94021H850-007 <b>188.89</b>	95021H850-007 <b>225.26</b>	550
<b>1 Air to Air</b>	91121H850-010 <b>205.26</b>	93121H850-010 <b>205.26</b>	94021H850-010 <b>199.11</b>	95021H850-010 <b>238.95</b>	550
<b>1-1/4 Air to Air</b>	91121H850-012 <b>322.37</b>	93121H850-012 <b>322.37</b>	94021H850-012 <b>312.69</b>	95021H850-012 <b>296.84</b>	550
<b>1-1/2 Air to Air</b>	91121H850-015 <b>324.21</b>	93121H850-015 <b>324.21</b>	94021H850-015 <b>314.48</b>	95021H850-015 <b>374.74</b>	550
<b>2 Air to Air</b>	91121H850-020 <b>394.74</b>	93121H850-020 <b>394.74</b>	94021H850-020 <b>382.89</b>	95021H850-020 <b>453.68</b>	550
<b>1/2 Air to Spring Close</b>	91121J850-005 <b>260.00</b>	93121J850-005 <b>260.00</b>	94021J850-005 <b>252.20</b>	95021J850-005 <b>301.05</b>	550
<b>3/4 Air to Spring Close</b>	91121J850-007 <b>289.47</b>	93121J850-007 <b>289.47</b>	94021J850-007 <b>280.79</b>	95021J850-007 <b>322.11</b>	550
<b>1 Air to Spring Close</b>	91121J850-010 <b>335.79</b>	93121J850-010 <b>335.79</b>	94021J850-010 <b>325.72</b>	95021J850-010 <b>342.11</b>	550
<b>1-1/4 Air to Spring Close</b>	91121J850-012 <b>413.68</b>	93121J850-012 <b>413.68</b>	94021J850-012 <b>464.58</b>	95021J850-012 <b>428.42</b>	550
<b>1-1/2 Air to Spring Close</b>	91121J850-015 <b>478.95</b>	93121J850-015 <b>478.95</b>	94021J850-015 <b>464.21</b>	95021J850-015 <b>513.68</b>	550
<b>2 Air to Spring Close</b>	91121J850-020 <b>586.32</b>	93121J850-020 <b>586.32</b>	94021J850-020 <b>568.73</b>	95021J850-020 <b>654.74</b>	550
<b>1/2 Air to Spring Open</b>	91121K850-005 <b>182.11</b>	93121K850-005 <b>182.11</b>	94021K850-005 <b>176.64</b>	95021K850-005 <b>209.47</b>	550
<b>3/4 Air to Spring Open</b>	91121K850-007 <b>194.74</b>	93121K850-007 <b>194.74</b>	94021K850-007 <b>188.89</b>	95021K850-007 <b>225.26</b>	550
<b>1 Air to Spring Open</b>	91121K850-010 <b>205.26</b>	93121K850-010 <b>205.26</b>	94021K850-010 <b>199.11</b>	95021K850-010 <b>238.95</b>	550
<b>1-1/4 Air to Spring Open</b>	91121K850-012 <b>257.89</b>	93121K850-012 <b>257.89</b>	94021K850-012 <b>250.16</b>	95021K850-012 <b>296.84</b>	550
<b>1-1/2 Air to Spring Open</b>	91121K850-015 <b>324.21</b>	93121K850-015 <b>324.21</b>	94021K850-015 <b>314.48</b>	95021K850-015 <b>374.74</b>	550
<b>2 Air to Spring Open</b>	91121K850-020 <b>394.74</b>	93121K850-020 <b>394.74</b>	94021K850-020 <b>382.89</b>	95021K850-020 <b>453.68</b>	550

### PVC - FKM O-ring and FKM Diaphragm

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91231H850-005 <b>202.34</b>	93231H850-005 <b>202.34</b>	94031H850-005 <b>196.27</b>	95031H850-005 <b>232.75</b>	550
<b>3/4 Air to Air</b>	91231H850-007 <b>216.38</b>	93231H850-007 <b>216.38</b>	94031H850-007 <b>209.88</b>	95031H850-007 <b>250.29</b>	550
<b>1 Air to Air</b>	91231H850-010 <b>228.07</b>	93231H850-010 <b>228.07</b>	94031H850-010 <b>221.23</b>	95031H850-010 <b>265.49</b>	550
<b>1-1/4 Air to Air</b>	91231H850-012 <b>379.25</b>	93231H850-012 <b>379.25</b>	94031H850-012 <b>367.88</b>	95031H850-012 <b>349.22</b>	550
<b>1-1/2 Air to Air</b>	91231H850-015 <b>381.42</b>	93231H850-015 <b>381.42</b>	94031H850-015 <b>369.98</b>	95031H850-015 <b>440.86</b>	550
<b>2 Air to Air</b>	91231H850-020 <b>464.40</b>	93231H850-020 <b>464.40</b>	94031H850-020 <b>450.46</b>	95031H850-020 <b>533.75</b>	550
<b>1/2 Air to Spring Close</b>	91231J850-005 <b>288.88</b>	93231J850-005 <b>288.88</b>	94031J850-005 <b>280.22</b>	95031J850-005 <b>334.51</b>	550
<b>3/4 Air to Spring Close</b>	91231J850-007 <b>321.64</b>	93231J850-007 <b>321.64</b>	94031J850-007 <b>311.99</b>	95031J850-007 <b>357.89</b>	550

**Actuated Valves**  
**Unitized Actuated Diaphragm Valve - Pneumatic with Plastic Housing**



**PVC - FKM O-ring and FKM Diaphragm (continued)**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1 Air to Spring Close</b>	91231J850-010 373.09	93231J850-010 373.09	94031J850-010 361.91	95031J850-010 380.12	550
<b>1-1/4 Air to Spring Close</b>	91231J850-012 486.68	93231J850-012 486.68	94031J850-012 472.08	95031J850-012 504.02	550
<b>1-1/2 Air to Spring Close</b>	91231J850-015 563.46	93231J850-015 563.46	94031J850-015 546.57	95031J850-015 604.34	550
<b>2 Air to Spring Close</b>	91231J850-020 689.78	93231J850-020 689.78	94031J850-020 669.09	95031J850-020 770.27	550
<b>1/2 Air to Spring Open</b>	91231K850-005 202.34	93231K850-005 202.34	94031K850-005 196.27	95031K850-005 232.75	550
<b>3/4 Air to Spring Open</b>	91231K850-007 216.38	93231K850-007 216.38	94031K850-007 209.88	95031K850-007 250.29	550
<b>1 Air to Spring Open</b>	91231K850-010 228.07	93231K850-010 228.07	94031K850-010 221.23	95031K850-010 265.49	550
<b>1-1/4 Air to Spring Open</b>	91231K850-012 303.41	93231K850-012 303.41	94031K850-012 294.31	95031K850-012 349.22	550
<b>1-1/2 Air to Spring Open</b>	91231K850-015 381.42	93231K850-015 381.42	94031K850-015 369.98	95031K850-015 440.86	550
<b>2 Air to Spring Open</b>	91231K850-020 464.40	93231K850-020 464.40	94031K850-020 450.46	95031K850-020 533.75	550

**PVC - EPDM O-ring and EPDM Backed PTFE Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91151H850-005 244.21	93151H850-005 244.21	94051H850-005 236.88	95051H850-005 303.16	550
<b>3/4 Air to Air</b>	91151H850-007 262.11	93151H850-007 262.11	94051H850-007 254.24	95051H850-007 302.11	550
<b>1 Air to Air</b>	91151H850-010 280.00	93151H850-010 280.00	94051H850-010 271.60	95051H850-010 320.00	550
<b>1-1/4 Air to Air</b>	91151H850-012 349.47	93151H850-012 349.47	94051H850-012 338.99	95051H850-012 397.89	550
<b>1-1/2 Air to Air</b>	91151H850-015 440.00	93151H850-015 440.00	94051H850-015 426.80	95051H850-015 503.16	550
<b>2 Air to Air</b>	91151H850-020 529.47	93151H850-020 529.47	94051H850-020 513.59	95051H850-020 608.42	550
<b>1/2 Air to Spring Close</b>	91151J850-005 324.21	93151J850-005 324.21	94051J850-005 314.48	95051J850-005 393.68	550
<b>3/4 Air to Spring Close</b>	91151J850-007 347.37	93151J850-007 347.37	94051J850-007 336.95	95051J850-007 416.84	550
<b>1 Air to Spring Close</b>	91151J850-010 369.47	93151J850-010 369.47	94051J850-010 358.39	95051J850-010 443.16	550
<b>1-1/4 Air to Spring Close</b>	91151J850-012 464.21	93151J850-012 464.21	94051J850-012 450.28	95051J850-012 555.79	550
<b>1-1/2 Air to Spring Close</b>	91151J850-015 555.79	93151J850-015 555.79	94051J850-015 539.12	95051J850-015 690.53	550
<b>2 Air to Spring Close</b>	91151J850-020 707.37	93151J850-020 707.37	94051J850-020 686.15	95051J850-020 847.37	550
<b>1/2 Air to Spring Open</b>	91151K850-005 244.21	93151K850-005 244.21	94051K850-005 236.88	95051K850-005 283.16	550
<b>3/4 Air to Spring Open</b>	91151K850-007 262.11	93151K850-007 262.11	94051K850-007 254.24	95051K850-007 303.16	550
<b>1 Air to Spring Open</b>	91151K850-010 280.00	93151K850-010 280.00	94051K850-010 271.60	95051K850-010 318.95	550
<b>1-1/4 Air to Spring Open</b>	91151K850-012 349.47	93151K850-012 349.47	94051K850-012 338.99	95051K850-012 402.11	550
<b>1-1/2 Air to Spring Open</b>	91151K850-015 440.00	93151K850-015 440.00	94051K850-015 426.80	95051K850-015 503.16	550
<b>2 Air to Spring Open</b>	91151K850-020 529.47	93151K850-020 529.47	94051K850-020 513.59	95051K850-020 609.47	550

**PVC - FKM O-ring and EPDM Backed PTFE Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91251H850-005 271.35	93251H850-005 271.35	---	---	550
<b>3/4 Air to Air</b>	91251H850-007 291.23	93251H850-007 291.23	---	---	550
<b>1 Air to Air</b>	91251H850-010 311.12	93251H850-010 311.12	---	---	550
<b>1-1/4 Air to Air</b>	91251H850-012 388.31	93251H850-012 388.31	---	---	550
<b>1-1/2 Air to Air</b>	91251H850-015 488.88	93251H850-015 488.88	---	---	550
<b>2 Air to Air</b>	91251H850-020 588.31	93251H850-020 588.31	---	---	550





**Actuated Valves**  
**Unitized Actuated Diaphragm Valve - Pneumatic with Plastic Housing**

**PVC - FKM O-ring and EPDM Backed PTFE Diaphragm (continued)**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Spring Close</b>	91251J850-005 <b>360.23</b>	93251J850-005 <b>360.23</b>	---	---	550
<b>3/4 Air to Spring Close</b>	91251J850-007 <b>385.97</b>	93251J850-007 <b>385.97</b>	---	---	550
<b>1 Air to Spring Close</b>	91251J850-010 <b>410.53</b>	93251J850-010 <b>410.53</b>	---	---	550
<b>1-1/4 Air to Spring Close</b>	91251J850-012 <b>515.79</b>	93251J850-012 <b>515.79</b>	---	---	550
<b>1-1/2 Air to Spring Close</b>	91251J850-015 <b>617.55</b>	93251J850-015 <b>617.55</b>	---	---	550
<b>2 Air to Spring Close</b>	91251J850-020 <b>785.97</b>	93251J850-020 <b>785.97</b>	---	---	550
<b>1/2 Air to Spring Open</b>	91251K850-005 <b>271.35</b>	93251K850-005 <b>271.35</b>	---	---	550
<b>3/4 Air to Spring Open</b>	91251K850-007 <b>291.23</b>	93251K850-007 <b>291.23</b>	---	---	550
<b>1 Air to Spring Open</b>	91251K850-010 <b>311.12</b>	93251K850-010 <b>311.12</b>	---	---	550
<b>1-1/4 Air to Spring Open</b>	91251K850-012 <b>388.31</b>	93251K850-012 <b>388.31</b>	---	---	550
<b>1-1/2 Air to Spring Open</b>	91251K850-015 <b>488.88</b>	93251K850-015 <b>488.88</b>	---	---	550
<b>2 Air to Spring Open</b>	91251K850-020 <b>588.31</b>	93251K850-020 <b>588.31</b>	---	---	550

**CPVC - EPDM O-ring and EPDM Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91122H850-005 <b>262.11</b>	93122H850-005 <b>262.11</b>	94022H850-005 <b>253.68</b>	95022H850-005 <b>301.05</b>	552
<b>3/4 Air to Air</b>	91122H850-007 <b>282.11</b>	93122H850-007 <b>282.11</b>	94022H850-007 <b>272.63</b>	95022H850-007 <b>322.11</b>	552
<b>1 Air to Air</b>	91122H850-010 <b>298.95</b>	93122H850-010 <b>298.95</b>	94022H850-010 <b>289.47</b>	95022H850-010 <b>341.05</b>	552
<b>1-1/4 Air to Air</b>	91122H850-012 <b>371.58</b>	93122H850-012 <b>371.58</b>	94022H850-012 <b>360.00</b>	95022H850-012 <b>426.32</b>	552
<b>1-1/2 Air to Air</b>	91122H850-015 <b>468.42</b>	93122H850-015 <b>468.42</b>	94022H850-015 <b>454.74</b>	95022H850-015 <b>536.84</b>	552
<b>2 Air to Air</b>	91122H850-020 <b>567.37</b>	93122H850-020 <b>567.37</b>	94022H850-020 <b>550.53</b>	95022H850-020 <b>653.68</b>	552
<b>1/2 Air to Spring Close</b>	91122J850-005 <b>374.74</b>	93122J850-005 <b>374.74</b>	94022J850-005 <b>364.21</b>	95022J850-005 <b>430.53</b>	552
<b>3/4 Air to Spring Close</b>	91122J850-007 <b>420.00</b>	93122J850-007 <b>420.00</b>	94022J850-007 <b>407.37</b>	95022J850-007 <b>461.05</b>	552
<b>1 Air to Spring Close</b>	91122J850-010 <b>489.47</b>	93122J850-010 <b>489.47</b>	94022J850-010 <b>474.74</b>	95022J850-010 <b>487.37</b>	552
<b>1-1/4 Air to Spring Close</b>	91122J850-012 <b>598.95</b>	93122J850-012 <b>598.95</b>	94022J850-012 <b>581.05</b>	95022J850-012 <b>609.47</b>	552
<b>1-1/2 Air to Spring Close</b>	91122J850-015 <b>688.42</b>	93122J850-015 <b>688.42</b>	94022J850-015 <b>667.37</b>	95022J850-015 <b>767.37</b>	552
<b>2 Air to Spring Close</b>	91122J850-020 <b>866.32</b>	93122J850-020 <b>866.32</b>	94022J850-020 <b>840.00</b>	95022J850-020 <b>934.74</b>	552
<b>1/2 Air to Spring Open</b>	91122K850-005 <b>262.11</b>	93122K850-005 <b>262.11</b>	94022K850-005 <b>253.68</b>	95022K850-005 <b>301.05</b>	552
<b>3/4 Air to Spring Open</b>	91122K850-007 <b>282.11</b>	93122K850-007 <b>282.11</b>	94022K850-007 <b>272.63</b>	95022K850-007 <b>322.11</b>	552
<b>1 Air to Spring Open</b>	91122K850-010 <b>298.95</b>	93122K850-010 <b>298.95</b>	94022K850-010 <b>289.47</b>	95022K850-010 <b>341.05</b>	552
<b>1-1/4 Air to Spring Open</b>	91122K850-012 <b>371.58</b>	93122K850-012 <b>371.58</b>	94022K850-012 <b>360.00</b>	95022K850-012 <b>426.32</b>	552
<b>1-1/2 Air to Spring Open</b>	91122K850-015 <b>468.42</b>	93122K850-015 <b>468.42</b>	94022K850-015 <b>454.74</b>	95022K850-015 <b>536.84</b>	552
<b>2 Air to Spring Open</b>	91122K850-020 <b>567.37</b>	93122K850-020 <b>567.37</b>	94022K850-020 <b>550.53</b>	95022K850-020 <b>653.68</b>	552

**CPVC - FKM O-ring and FKM Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91232H850-005 <b>327.37</b>	93232H850-005 <b>327.37</b>	94032H850-005 <b>317.89</b>	95032H850-005 <b>334.74</b>	552
<b>3/4 Air to Air</b>	91232H850-007 <b>351.58</b>	93232H850-007 <b>351.58</b>	94032H850-007 <b>341.05</b>	95032H850-007 <b>357.89</b>	552
<b>1 Air to Air</b>	91232H850-010 <b>373.68</b>	93232H850-010 <b>373.68</b>	94032H850-010 <b>362.11</b>	95032H850-010 <b>378.95</b>	552
<b>1-1/4 Air to Air</b>	91232H850-012 <b>464.21</b>	93232H850-012 <b>464.21</b>	94032H850-012 <b>449.47</b>	95032H850-012 <b>501.05</b>	552

**Actuated Valves**  
**Unitized Actuated Diaphragm Valve - Pneumatic with Plastic Housing**



**CPVC - FKM O-ring and FKM Diaphragm (continued)**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1-1/2 Air to Air</b>	91232H850-015 <b>585.26</b>	93232H850-015 <b>585.26</b>	94032H850-015 <b>568.42</b>	95032H850-015 <b>631.58</b>	552
<b>2 Air to Air</b>	91232H850-020 <b>708.42</b>	93232H850-020 <b>708.42</b>	94032H850-020 <b>687.37</b>	95032H850-020 <b>769.47</b>	552
<b>1/2 Air to Spring Close</b>	91232J850-005 <b>468.42</b>	93232J850-005 <b>468.42</b>	94032J850-005 <b>454.74</b>	95032J850-005 <b>506.32</b>	552
<b>3/4 Air to Spring Close</b>	91232J850-007 <b>524.21</b>	93232J850-007 <b>524.21</b>	94032J850-007 <b>508.42</b>	95032J850-007 <b>542.11</b>	552
<b>1 Air to Spring Close</b>	91232J850-010 <b>611.58</b>	93232J850-010 <b>611.58</b>	94032J850-010 <b>593.68</b>	95032J850-010 <b>572.63</b>	552
<b>1-1/4 Air to Spring Close</b>	91232J850-012 <b>748.42</b>	93232J850-012 <b>748.42</b>	94032J850-012 <b>726.32</b>	95032J850-012 <b>716.84</b>	552
<b>1-1/2 Air to Spring Close</b>	91232J850-015 <b>860.00</b>	93232J850-015 <b>860.00</b>	94032J850-015 <b>834.74</b>	95032J850-015 <b>902.11</b>	552
<b>2 Air to Spring Close</b>	91232J850-020 <b>1082.11</b>	93232J850-020 <b>1082.11</b>	94032J850-020 <b>1049.47</b>	95032J850-020 <b>1098.95</b>	552
<b>1/2 Air to Spring Open</b>	91232K850-005 <b>327.37</b>	93232K850-005 <b>327.37</b>	94032K850-005 <b>317.89</b>	95032K850-005 <b>354.74</b>	552
<b>3/4 Air to Spring Open</b>	91232K850-007 <b>351.58</b>	93232K850-007 <b>351.58</b>	94032K850-007 <b>341.05</b>	95032K850-007 <b>378.95</b>	552
<b>1 Air to Spring Open</b>	91232K850-010 <b>373.68</b>	93232K850-010 <b>373.68</b>	94032K850-010 <b>362.11</b>	95032K850-010 <b>401.05</b>	552
<b>1-1/4 Air to Spring Open</b>	91232K850-012 <b>464.21</b>	93232K850-012 <b>464.21</b>	94032K850-012 <b>449.47</b>	95032K850-012 <b>501.05</b>	552
<b>1-1/2 Air to Spring Open</b>	91232K850-015 <b>585.26</b>	93232K850-015 <b>585.26</b>	94032K850-015 <b>568.42</b>	95032K850-015 <b>631.58</b>	552
<b>2 Air to Spring Open</b>	91232K850-020 <b>708.42</b>	93232K850-020 <b>708.42</b>	94032K850-020 <b>687.37</b>	95032K850-020 <b>769.47</b>	552

**CPVC - EPDM O-ring and EPDM Backed PTFE Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91152H850-005 <b>353.68</b>	93152H850-005 <b>353.68</b>	94052H850-005 <b>343.16</b>	95052H850-005 <b>353.68</b>	552
<b>3/4 Air to Air</b>	91152H850-007 <b>378.95</b>	93152H850-007 <b>378.95</b>	94052H850-007 <b>367.37</b>	95052H850-007 <b>434.74</b>	552
<b>1 Air to Air</b>	91152H850-010 <b>398.95</b>	93152H850-010 <b>398.95</b>	94052H850-010 <b>386.32</b>	95052H850-010 <b>458.95</b>	552
<b>1-1/4 Air to Air</b>	91152H850-012 <b>503.16</b>	93152H850-012 <b>503.16</b>	94052H850-012 <b>487.37</b>	95052H850-012 <b>580.00</b>	552
<b>1-1/2 Air to Air</b>	91152H850-015 <b>629.47</b>	93152H850-015 <b>629.47</b>	94052H850-015 <b>610.53</b>	95052H850-015 <b>726.32</b>	552
<b>2 Air to Air</b>	91152H850-020 <b>762.11</b>	93152H850-020 <b>762.11</b>	94052H850-020 <b>738.95</b>	95052H850-020 <b>876.84</b>	552
<b>1/2 Air to Spring Close</b>	91152J850-005 <b>471.58</b>	93152J850-005 <b>471.58</b>	94052J850-005 <b>456.84</b>	95052J850-005 <b>505.26</b>	552
<b>3/4 Air to Spring Close</b>	91152J850-007 <b>505.26</b>	93152J850-007 <b>505.26</b>	94052J850-007 <b>490.53</b>	95052J850-007 <b>620.00</b>	552
<b>1 Air to Spring Close</b>	91152J850-010 <b>525.26</b>	93152J850-010 <b>525.26</b>	94052J850-010 <b>509.47</b>	95052J850-010 <b>655.79</b>	552
<b>1-1/4 Air to Spring Close</b>	91152J850-012 <b>669.47</b>	93152J850-012 <b>669.47</b>	94052J850-012 <b>649.47</b>	95052J850-012 <b>829.47</b>	552
<b>1-1/2 Air to Spring Close</b>	91152J850-015 <b>795.79</b>	93152J850-015 <b>795.79</b>	94052J850-015 <b>772.63</b>	95052J850-015 <b>1037.89</b>	552
<b>2 Air to Spring Close</b>	91152J850-020 <b>1015.79</b>	93152J850-020 <b>1015.79</b>	94052J850-020 <b>985.26</b>	95052J850-020 <b>1251.58</b>	552
<b>1/2 Air to Spring Open</b>	91152K850-005 <b>353.68</b>	93152K850-005 <b>353.68</b>	94052K850-005 <b>343.16</b>	95052K850-005 <b>353.68</b>	552
<b>3/4 Air to Spring Open</b>	91152K850-007 <b>378.95</b>	93152K850-007 <b>378.95</b>	94052K850-007 <b>367.37</b>	95052K850-007 <b>434.74</b>	552
<b>1 Air to Spring Open</b>	91152K850-010 <b>398.95</b>	93152K850-010 <b>398.95</b>	94052K850-010 <b>386.32</b>	95052K850-010 <b>458.95</b>	552
<b>1-1/4 Air to Spring Open</b>	91152K850-012 <b>503.16</b>	93152K850-012 <b>503.16</b>	94052K850-012 <b>487.37</b>	95052K850-012 <b>580.00</b>	552
<b>1-1/2 Air to Spring Open</b>	91152K850-015 <b>629.47</b>	93152K850-015 <b>629.47</b>	94052K850-015 <b>610.53</b>	95052K850-015 <b>726.32</b>	552
<b>2 Air to Spring Open</b>	91152K850-020 <b>762.11</b>	93152K850-020 <b>762.11</b>	94052K850-020 <b>738.95</b>	95052K850-020 <b>876.84</b>	552

**CPVC - FKM O-ring and EPDM Backed PTFE Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91252H850-005 <b>409.47</b>	93252H850-005 <b>409.47</b>	---	---	552
<b>3/4 Air to Air</b>	91252H850-007 <b>440.00</b>	93252H850-007 <b>440.00</b>	---	---	552



**Actuated Valves**  
**Unitized Actuated Diaphragm Valve - Pneumatic with Plastic Housing**

**CPVC - FKM O-ring and EPDM Backed PTFE Diaphragm (continued)**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1 Air to Air</b>	91252H850-010 <b>466.32</b>	93252H850-010 <b>466.32</b>	---	---	552
<b>1-1/4 Air to Air</b>	91252H850-012 <b>580.00</b>	93252H850-012 <b>580.00</b>	---	---	552
<b>1-1/2 Air to Air</b>	91252H850-015 <b>731.58</b>	93252H850-015 <b>731.58</b>	---	---	552
<b>2 Air to Air</b>	91252H850-020 <b>886.32</b>	93252H850-020 <b>886.32</b>	---	---	552
<b>1/2 Air to Spring Close</b>	91252J850-005 <b>586.32</b>	93252J850-005 <b>586.32</b>	---	---	552
<b>3/4 Air to Spring Close</b>	91252J850-007 <b>655.79</b>	93252J850-007 <b>655.79</b>	---	---	552
<b>1 Air to Spring Close</b>	91252J850-010 <b>765.26</b>	93252J850-010 <b>765.26</b>	---	---	552
<b>1-1/4 Air to Spring Close</b>	91252J850-012 <b>935.79</b>	93252J850-012 <b>935.79</b>	---	---	552
<b>1-1/2 Air to Spring Close</b>	91252J850-015 <b>1074.74</b>	93252J850-015 <b>1074.74</b>	---	---	552
<b>2 Air to Spring Close</b>	91252J850-020 <b>1352.63</b>	93252J850-020 <b>1352.63</b>	---	---	552
<b>1/2 Air to Spring Open</b>	91252K850-005 <b>409.47</b>	93252K850-005 <b>409.47</b>	---	---	552
<b>3/4 Air to Spring Open</b>	91252K850-007 <b>440.00</b>	93252K850-007 <b>440.00</b>	---	---	552
<b>1 Air to Spring Open</b>	91252K850-010 <b>466.32</b>	93252K850-010 <b>466.32</b>	---	---	552
<b>1-1/4 Air to Spring Open</b>	91252K850-012 <b>580.00</b>	93252K850-012 <b>580.00</b>	---	---	552
<b>1-1/2 Air to Spring Open</b>	91252K850-015 <b>731.58</b>	93252K850-015 <b>731.58</b>	---	---	552
<b>2 Air to Spring Open</b>	91252K850-020 <b>886.32</b>	93252K850-020 <b>886.32</b>	---	---	552

**Actuated Valves**  
**Unitized Actuated Diaphragm Valve - Pneumatic with Plastic Housing**



**Polypropylene Premium Actuated Diaphragm Valves - Pneumatic w/Plastic Housing**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>EPDM O-ring and EPDM Diaphragm SR Thread</b>					
93123H850-005	1/2 Air to Air	1	0	554	218.95
93123H850-007	3/4 Air to Air	1	0	554	236.84
93123H850-010	1 Air to Air	1	0	554	247.37
93123H850-012	1-1/4 Air to Air	1	0	554	313.68
93123H850-015	1-1/2 Air to Air	1	0	554	393.68
93123H850-020	2 Air to Air	1	0	554	474.74
93123J850-005	1/2 Air to Spring Close	1	0	554	296.84
93123J850-007	3/4 Air to Spring Close	1	0	554	341.05
93123J850-010	1 Air to Spring Close	1	0	554	387.37
93123J850-012	1-1/4 Air to Spring Close	1	0	554	442.11
93123J850-015	1-1/2 Air to Spring	1	0	554	540.00
93123J850-020	2 Air to Spring Close	1	0	554	664.21
93123K850-005	1/2 Air to Spring Open	1	0	554	218.95
93123K850-007	3/4 Air to Spring Open	1	0	554	236.84
93123K850-010	1 Air to Spring Open	1	0	554	247.37
93123K850-012	1-1/4 Air to Spring Open	1	0	554	313.68
93123K850-015	1-1/2 Air to Spring Open	1	0	554	393.68
93123K850-020	2 Air to Spring Open	1	0	554	474.74

**Polypropylene Premium Actuated Diaphragm Valves - Pneumatic w/Plastic Housing**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>FKM O-ring and FKM Diaphragm SR Thread</b>					
93233H850-005	1/2 Air to Air	1	0	554	347.37
93233H850-007	3/4 Air to Air	1	0	554	375.79
93233H850-010	1 Air to Air	1	0	554	392.63
93233H850-012	1-1/4 Air to Air	1	0	554	497.89
93233H850-015	1-1/2 Air to Air	1	0	554	625.26
93233H850-020	2 Air to Air	1	0	554	753.68
93233J850-005	1/2 Air to Spring Close	1	0	554	471.58
93233J850-007	3/4 Air to Spring Close	1	0	554	541.05
93233J850-010	1 Air to Spring Close	1	0	554	614.74
93233J850-012	1-1/4 Air to Spring Close	1	0	554	702.11
93233J850-015	1-1/2 Air to Spring Close	1	0	554	856.84
93233J850-020	2 Air to Spring Close	1	0	554	1054.74
93233K850-005	1/2 Air to Spring Open	1	0	554	347.37
93233K850-007	3/4 Air to Spring Open	1	0	554	375.79
93233K850-010	1 Air to Spring Open	1	0	554	392.63
93233K850-012	1-1/4 Air to Spring Open	1	0	554	497.89
93233K850-015	1-1/2 Air to Spring Open	1	0	554	625.26
93233K850-020	2 Air to Spring Open	1	0	554	753.68

**Polypropylene Premium Actuated Diaphragm Valves - Pneumatic w/Plastic Housing**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>EPDM O-ring and EPDM Backed PTFE Diaphragm SR Thread</b>					
93153H850-005	1/2 Air to Air	1	0	554	364.21
93153H850-007	3/4 Air to Air	1	0	554	377.89
93153H850-010	1 Air to Air	1	0	554	393.68
93153H850-012	1-1/4 Air to Air	1	0	554	544.21
93153H850-015	1-1/2 Air to Air	1	0	554	654.74
93153H850-020	2 Air to Air	1	0	554	797.89
93153J850-005	1/2 Air to Spring Close	1	0	554	377.89
93153J850-007	3/4 Air to Spring Close	1	0	554	403.16
93153J850-010	1 Air to Spring Close	1	0	554	429.47
93153J850-012	1-1/4 Air to Spring Close	1	0	554	534.74
93153J850-015	1-1/2 Air to Spring Close	1	0	554	641.05
93153J850-020	2 Air to Spring Close	1	0	554	820.00
93153K850-005	1/2 Air to Spring Open	1	0	554	364.21
93153K850-007	3/4 Air to Spring Open	1	0	554	377.89
93153K850-010	1 Air to Spring Open	1	0	554	393.68
93153K850-012	1-1/4 Air to Spring Open	1	0	554	544.21
93153K850-015	1-1/2 Air to Spring Open	1	0	554	654.74

**Polypropylene Premium Actuated Diaphragm Valves - Pneumatic w/Plastic Housing (continued)**

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
<b>EPDM O-ring and EPDM Backed PTFE Diaphragm SR Thread</b>					
93153K850-020	2 Air to Spring Open	1	0	554	797.89
<b>FKM O-ring and EPDM Backed PTFE Diaphragm SR Thread</b>					
93253H850-005	1/2 Air to Air	1	0	554	423.16
93253H850-007	3/4 Air to Air	1	0	554	438.95
93253H850-010	1 Air to Air	1	0	554	457.89
93253H850-012	1-1/4 Air to Air	1	0	554	632.63
93253H850-015	1-1/2 Air to Air	1	0	554	761.05
93253H850-020	2 Air to Air	1	0	554	927.37
93253J850-005	1/2 Air to Spring Close	1	0	554	438.95
93253J850-007	3/4 Air to Spring Close	1	0	554	468.42
93253J850-010	1 Air to Spring Close	1	0	554	498.95
93253J850-012	1-1/4 Air to Spring Close	1	0	554	622.11
93253J850-015	1-1/2 Air to Spring Close	1	0	554	745.26
93253J850-020	2 Air to Spring Close	1	0	554	953.68
93253K850-005	1/2 Air to Spring Open	1	0	554	423.16
93253K850-007	3/4 Air to Spring Open	1	0	554	438.95
93253K850-010	1 Air to Spring Open	1	0	554	457.89
93253K850-012	1-1/4 Air to Spring Open	1	0	554	632.63
93253K850-015	1-1/2 Air to Spring Open	1	0	554	761.05
93253K850-020	2 Air to Spring Open	1	0	554	927.37



## Actuated Valves Premium Actuated Diaphragm Valve - Pneumatic



Industrial grade Weir-type design, excellent for throttling and use with viscous fluids. Full-featured actuator can be custom configured with add-on accessories.

- Stainless Steel Hardware
- 235 psi @ 73°F (23°C) - sizes 1/2"- 2" (flanged & PTFE diaphragm-150 psi), 2-1/2"- 4"-150 psi
- 80 psi Operating Pressure
- Linear Action Operation with Preset Stops
- Air-Air or Air-Spring Closed (optional spring open)

See **Pneumatic Actuator Accessories for Diaphragm Valves** for Add-on Actuator Accessories

### PVC - EPDM O-ring and EPDM Diaphragm

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
1/2 Air to Air	91121H100-005 <b>857.54</b>	93121H100-005 <b>862.91</b>	94021H100-005 <b>854.18</b>	95021H100-005 <b>938.25</b>	550
1/2 Air to Spring	91121J100-005 <b>889.07</b>	93121J100-005 <b>894.44</b>	94021J100-005 <b>885.72</b>	95021J100-005 <b>969.80</b>	550
3/4 Air to Air	91121H100-007 <b>1890.95</b>	93121H100-007 <b>1151.62</b>	94021H100-007 <b>1138.96</b>	95021H100-007 <b>1233.11</b>	550
3/4 Air to Spring	91121J100-007 <b>1191.26</b>	93121J100-007 <b>1198.94</b>	94021J100-007 <b>1186.27</b>	95021J100-007 <b>1280.41</b>	550
1 Air to Air	91121H100-010 <b>1937.63</b>	93121H100-010 <b>1250.18</b>	94021H100-010 <b>1234.72</b>	95021H100-010 <b>1323.38</b>	550
1 Air to Spring	91121J100-010 <b>1290.01</b>	93121J100-010 <b>1300.66</b>	94021J100-010 <b>1285.19</b>	95021J100-010 <b>1373.84</b>	550
1-1/4 Air to Air	91121H100-012 <b>2062.16</b>	93121H100-012 <b>2079.57</b>	94021H100-012 <b>2053.08</b>	95021H100-012 <b>2149.82</b>	550
1-1/4 Air to Spring	91121J100-012 <b>2144.17</b>	93121J100-012 <b>2161.59</b>	94021J100-012 <b>2135.08</b>	95021J100-012 <b>2231.81</b>	550
1-1/2 Air to Air	91121H100-015 <b>2076.64</b>	93121H100-015 <b>2105.91</b>	94021H100-015 <b>2069.19</b>	95021H100-015 <b>2154.27</b>	550
1-1/2 Air to Spring	91121J100-015 <b>2158.64</b>	93121J100-015 <b>2187.92</b>	94021J100-015 <b>2151.21</b>	95021J100-015 <b>2236.27</b>	550
2 Air to Air	91121H100-020 <b>2355.05</b>	93121H100-020 <b>2386.75</b>	94021H100-020 <b>2344.15</b>	95021H100-020 <b>2448.98</b>	550
2 Air to Spring	91121J100-020 <b>2446.52</b>	93121J100-020 <b>2478.22</b>	94021J100-020 <b>2435.61</b>	95021J100-020 <b>2540.45</b>	550
2-1/2 Air to Air	---	---	---	95021H100-025 <b>2856.29</b>	550
2-1/2 Air to Spring	---	---	---	95021J100-025 <b>3461.91</b>	550
3 Air to Air	---	---	---	95021H100-030 <b>3665.59</b>	550
3 Air to Spring	---	---	---	95021J100-030 <b>4618.12</b>	550
4 Air to Air	---	---	---	95021H100-040 <b>4888.60</b>	550
4 Air to Spring	---	---	---	95021J100-040 <b>5380.64</b>	550
6 Air to Spring	---	---	---	95021J100-060 <b>12535.32</b>	550

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.

### PVC - FKM O-ring and FKM Diaphragm

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
1/2 Air to Air	91231H100-005 <b>872.59</b>	93231H100-005 <b>877.95</b>	94031H100-005 <b>868.81</b>	95031H100-005 <b>956.12</b>	550
1/2 Air to Spring	91231J100-005 <b>904.11</b>	93231J100-005 <b>909.51</b>	94031J100-005 <b>900.35</b>	95031J100-005 <b>987.66</b>	550
3/4 Air to Air	91231H100-007 <b>1161.01</b>	93231H100-007 <b>1168.67</b>	94031H100-007 <b>1154.83</b>	95031H100-007 <b>1239.22</b>	550
3/4 Air to Spring	91231J100-007 <b>1208.31</b>	93231J100-007 <b>1215.98</b>	94031J100-007 <b>1202.13</b>	95031J100-007 <b>1286.53</b>	550
1 Air to Air	91231H100-010 <b>1258.22</b>	93231H100-010 <b>1268.89</b>	94031H100-010 <b>1251.15</b>	95031H100-010 <b>1355.67</b>	550
1 Air to Spring	91231J100-010 <b>1308.66</b>	93231J100-010 <b>1319.37</b>	94031J100-010 <b>1301.61</b>	95031J100-010 <b>1406.14</b>	550
1-1/4 Air to Air	91231H100-012 <b>2115.69</b>	93231H100-012 <b>2132.78</b>	94031H100-012 <b>2109.16</b>	95031H100-012 <b>2189.49</b>	550

**Actuated Valves  
Premium Actuated Diaphragm Valve - Pneumatic**



**PVC - FKM O-ring and FKM Diaphragm (continued)**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1-1/4 Air to Spring</b>	91231J100-012 <b>2197.69</b>	93231J100-012 <b>2214.79</b>	94031J100-012 <b>2191.17</b>	95031J100-012 <b>2271.48</b>	550
<b>1-1/2 Air to Air</b>	91231H100-015 <b>2123.45</b>	93231H100-015 <b>2152.71</b>	94031H100-015 <b>2114.84</b>	95031H100-015 <b>2197.94</b>	550
<b>1-1/2 Air to Spring</b>	91231J100-015 <b>2205.45</b>	93231J100-015 <b>2234.73</b>	94031J100-015 <b>2196.84</b>	95031J100-015 <b>2279.96</b>	550
<b>2 Air to Air</b>	91231H100-020 <b>2420.24</b>	93231H100-020 <b>2451.98</b>	94031H100-020 <b>2405.88</b>	95031H100-020 <b>2480.12</b>	550
<b>2 Air to Spring</b>	91231J100-020 <b>2511.73</b>	93231J100-020 <b>2543.45</b>	94031J100-020 <b>2497.34</b>	95031J100-020 <b>2571.57</b>	550
<b>2-1/2 Air to Air</b>	---	---	---	95031H100-025 <b>2945.42</b>	550
<b>2-1/2 Air to Spring</b>	---	---	---	95031J100-025 <b>3551.01</b>	550
<b>3 Air to Air</b>	---	---	---	95031H100-030 <b>3758.22</b>	550
<b>3 Air to Spring</b>	---	---	---	95031J100-030 <b>4710.76</b>	550
<b>4 Air to Air</b>	---	---	---	95031H100-040 <b>4993.08</b>	550
<b>4 Air to Spring</b>	---	---	---	95031J100-040 <b>5485.07</b>	550

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.

**PVC - EPDM O-ring and EPDM Backed PTFE Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91151H100-005 <b>937.88</b>	93151H100-005 <b>943.25</b>	94051H100-005 <b>930.47</b>	95051H100-005 <b>1017.37</b>	550
<b>1/2 Air to Spring</b>	91151J100-005 <b>969.43</b>	93151J100-005 <b>974.77</b>	94051J100-005 <b>961.99</b>	95051J100-005 <b>1048.91</b>	550
<b>3/4 Air to Air</b>	91151H100-007 <b>1884.44</b>	93151H100-007 <b>1228.35</b>	94051H100-007 <b>1212.53</b>	95051H100-007 <b>1309.40</b>	550
<b>3/4 Air to Spring</b>	91151J100-007 <b>1315.26</b>	93151J100-007 <b>1275.65</b>	94051J100-007 <b>1259.84</b>	95051J100-007 <b>1356.72</b>	550
<b>1 Air to Air</b>	91151H100-010 <b>1963.58</b>	93151H100-010 <b>1393.13</b>	94051H100-010 <b>1374.60</b>	95051H100-010 <b>1456.65</b>	550
<b>1 Air to Spring</b>	91151J100-010 <b>1432.95</b>	93151J100-010 <b>1443.61</b>	94051J100-010 <b>1425.05</b>	95051J100-010 <b>1507.13</b>	550
<b>1-1/4 Air to Air</b>	91151H100-012 <b>2235.56</b>	93151H100-012 <b>2252.64</b>	94051H100-012 <b>2224.94</b>	95051H100-012 <b>1636.99</b>	550
<b>1-1/4 Air to Spring</b>	91151J100-012 <b>2317.55</b>	93151J100-012 <b>2334.66</b>	94051J100-012 <b>2306.96</b>	95051J100-012 <b>1636.99</b>	550
<b>1-1/2 Air to Air</b>	91151H100-015 <b>2266.42</b>	93151H100-015 <b>2295.69</b>	94051H100-015 <b>2254.27</b>	95051H100-015 <b>2346.47</b>	550
<b>1-1/2 Air to Spring</b>	91151J100-015 <b>2348.42</b>	93151J100-015 <b>2377.69</b>	94051J100-015 <b>2336.28</b>	95051J100-015 <b>2428.47</b>	550
<b>2 Air to Air</b>	91151H100-020 <b>2558.75</b>	93151H100-020 <b>2590.48</b>	94051H100-020 <b>2542.06</b>	95051H100-020 <b>2639.36</b>	550
<b>2 Air to Spring</b>	91151J100-020 <b>2650.21</b>	93151J100-020 <b>2681.95</b>	94051J100-020 <b>2633.52</b>	95051J100-020 <b>2730.84</b>	550
<b>2-1/2 Air to Air</b>	---	---	---	95051H100-025 <b>3217.42</b>	550
<b>2-1/2 Air to Spring</b>	---	---	---	95051J100-025 <b>3823.01</b>	550
<b>3 Air to Air</b>	---	---	---	95051H100-030 <b>4123.14</b>	550
<b>3 Air to Spring</b>	---	---	---	95051J100-030 <b>5075.66</b>	550
<b>4 Air to Air</b>	---	---	---	95051H100-040 <b>5523.12</b>	550
<b>4 Air to Spring</b>	---	---	---	95051J100-040 <b>6015.17</b>	550

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.

**PVC - FKM O-ring and EPDM Backed PTFE Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91251H100-005 <b>961.53</b>	93251H100-005 <b>966.89</b>	---	---	550
<b>1/2 Air to Spring</b>	91251J100-005 <b>993.08</b>	93251J100-005 <b>998.43</b>	---	---	550
<b>3/4 Air to Air</b>	91251H100-007 <b>1248.77</b>	93251H100-007 <b>1256.47</b>	---	---	550



**Actuated Valves**  
**Premium Actuated Diaphragm Valve - Pneumatic**

**PVC - FKM O-ring and EPDM Backed PTFE Diaphragm (continued)**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>3/4 Air to Spring</b>	91251J100-007 <b>1296.09</b>	93251J100-007 <b>1303.80</b>	---	---	550
<b>1 Air to Air</b>	91251H100-010 <b>1394.62</b>	93251H100-010 <b>1405.27</b>	---	---	550
<b>1 Air to Spring</b>	91251J100-010 <b>1445.09</b>	93251J100-010 <b>1455.76</b>	---	---	550
<b>1-1/4 Air to Air</b>	91251H100-012 <b>2262.96</b>	93251H100-012 <b>2280.05</b>	---	---	550
<b>1-1/4 Air to Spring</b>	91251J100-012 <b>2344.96</b>	93251J100-012 <b>2362.04</b>	---	---	550
<b>1-1/2 Air to Air</b>	91251H100-015 <b>2290.80</b>	93251H100-015 <b>2320.07</b>	---	---	550
<b>1-1/2 Air to Spring</b>	91251J100-015 <b>2372.82</b>	93251J100-015 <b>2402.08</b>	---	---	550
<b>2 Air to Air</b>	91251H100-020 <b>2586.65</b>	93251H100-020 <b>2618.39</b>	---	---	550
<b>2 Air to Spring</b>	91251J100-020 <b>2678.13</b>	93251J100-020 <b>2709.84</b>	---	---	550

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.

**CPVC - EPDM O-ring and EPDM Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91122H100-005 <b>961.77</b>	93122H100-005 <b>967.15</b>	94022H100-005 <b>955.74</b>	95022H100-005 <b>1011.83</b>	552
<b>1/2 Air to Spring</b>	91122J100-005 <b>993.33</b>	93122J100-005 <b>998.67</b>	94022J100-005 <b>987.26</b>	95022J100-005 <b>1043.37</b>	552
<b>3/4 Air to Air</b>	91122H100-007 <b>1256.92</b>	93122H100-007 <b>1264.61</b>	94022H100-007 <b>1249.54</b>	95022H100-007 <b>1314.14</b>	552
<b>3/4 Air to Spring</b>	91122J100-007 <b>1304.23</b>	93122J100-007 <b>1311.93</b>	94022J100-007 <b>1296.86</b>	95022J100-007 <b>1361.45</b>	552
<b>1 Air to Air</b>	91122H100-010 <b>1357.92</b>	93122H100-010 <b>1368.58</b>	94022H100-010 <b>1351.37</b>	95022H100-010 <b>1448.98</b>	552
<b>1 Air to Spring</b>	91122J100-010 <b>1408.38</b>	93122J100-010 <b>1419.04</b>	94022J100-010 <b>1401.80</b>	95022J100-010 <b>1499.44</b>	552
<b>1-1/4 Air to Air</b>	91122H100-012 <b>2240.94</b>	93122H100-012 <b>2258.02</b>	94022H100-012 <b>2229.31</b>	95022H100-012 <b>2288.25</b>	552
<b>1-1/4 Air to Spring</b>	91122J100-012 <b>2322.95</b>	93122J100-012 <b>2340.03</b>	94022J100-012 <b>2311.31</b>	95022J100-012 <b>2370.28</b>	552
<b>1-1/2 Air to Air</b>	91122H100-015 <b>2254.63</b>	93122H100-015 <b>2283.88</b>	94022H100-015 <b>2239.31</b>	95022H100-015 <b>2295.04</b>	552
<b>1-1/2 Air to Spring</b>	91122J100-015 <b>2336.63</b>	93122J100-015 <b>2365.92</b>	94022J100-015 <b>2321.28</b>	95022J100-015 <b>2377.03</b>	552
<b>2 Air to Air</b>	91122H100-020 <b>2509.59</b>	93122H100-020 <b>2541.31</b>	94022H100-020 <b>2496.81</b>	95022H100-020 <b>2580.89</b>	552
<b>2 Air to Spring</b>	91122J100-020 <b>2601.04</b>	93122J100-020 <b>2632.78</b>	94022J100-020 <b>2588.26</b>	95022J100-020 <b>2672.35</b>	552
<b>2-1/2 Air to Air</b>	---	---	---	95022H100-025 <b>3283.08</b>	552
<b>2-1/2 Air to Spring</b>	---	---	---	95022J100-025 <b>3888.69</b>	552
<b>3 Air to Air</b>	---	---	---	95022H100-030 <b>4417.13</b>	552
<b>3 Air to Spring</b>	---	---	---	95022J100-030 <b>5369.66</b>	552
<b>4 Air to Air</b>	---	---	---	95022H100-040 <b>5910.75</b>	552
<b>4 Air to Spring</b>	---	---	---	95022J100-040 <b>6402.80</b>	552

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.

**CPVC - FKM O-ring and FKM Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91232H100-005 <b>1029.18</b>	93232H100-005 <b>1034.56</b>	94032H100-005 <b>1019.54</b>	95032H100-005 <b>1042.04</b>	552
<b>1/2 Air to Spring</b>	91232J100-005 <b>1060.73</b>	93232J100-005 <b>1066.09</b>	94032J100-005 <b>1051.08</b>	95032J100-005 <b>1073.59</b>	552
<b>3/4 Air to Air</b>	91232H100-007 <b>1317.60</b>	93232H100-007 <b>1325.29</b>	94032H100-007 <b>1307.47</b>	95032H100-007 <b>1347.97</b>	552
<b>3/4 Air to Spring</b>	91232J100-007 <b>1364.91</b>	93232J100-007 <b>1372.61</b>	94032J100-007 <b>1354.79</b>	95032J100-007 <b>1395.28</b>	552
<b>1 Air to Air</b>	91232H100-010 <b>1448.22</b>	93232H100-010 <b>1458.88</b>	94032H100-010 <b>1437.07</b>	95032H100-010 <b>1496.13</b>	552

**Actuated Valves  
Premium Actuated Diaphragm Valve - Pneumatic**



**CPVC - FKM O-ring and FKM Diaphragm (continued)**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1 Air to Spring</b>	91232J100-010 <b>1498.67</b>	93232J100-010 <b>1509.34</b>	94032J100-010 <b>1487.55</b>	95032J100-010 <b>1546.59</b>	552
<b>1-1/4 Air to Air</b>	91232H100-012 <b>2375.94</b>	93232H100-012 <b>2393.01</b>	94032H100-012 <b>2360.89</b>	95032H100-012 <b>2362.44</b>	552
<b>1-1/4 Air to Spring</b>	91232J100-012 <b>2457.94</b>	93232J100-012 <b>2475.04</b>	94032J100-012 <b>2442.88</b>	95032J100-012 <b>2444.44</b>	552
<b>1-1/2 Air to Air</b>	91232H100-015 <b>2398.52</b>	93232H100-015 <b>2427.78</b>	94032H100-015 <b>2382.27</b>	95032H100-015 <b>2376.79</b>	552
<b>1-1/2 Air to Spring</b>	91232J100-015 <b>2480.53</b>	93232J100-015 <b>2509.79</b>	94032J100-015 <b>2464.28</b>	95032J100-015 <b>2458.79</b>	552
<b>2 Air to Air</b>	91232H100-020 <b>2638.03</b>	93232H100-020 <b>2669.73</b>	94032H100-020 <b>2621.71</b>	95032H100-020 <b>2651.11</b>	552
<b>2 Air to Spring</b>	91232J100-020 <b>2729.48</b>	93232J100-020 <b>2761.22</b>	94032J100-020 <b>2713.17</b>	95032J100-020 <b>2742.59</b>	552
<b>2-1/2 Air to Air</b>	---	---	---	95032H100-025 <b>3405.74</b>	552
<b>2-1/2 Air to Spring</b>	---	---	---	95032J100-025 <b>4011.33</b>	552
<b>3 Air to Air</b>	---	---	---	95032H100-030 <b>4593.16</b>	552
<b>3 Air to Spring</b>	---	---	---	95032J100-030 <b>5545.69</b>	552
<b>4 Air to Air</b>	---	---	---	95032H100-040 <b>6152.06</b>	552
<b>4 Air to Spring</b>	---	---	---	95032J100-040 <b>6644.07</b>	552

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.

**CPVC - EPDM O-ring and EPDM Backed PTFE Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91152H100-005 <b>1066.53</b>	93152H100-005 <b>1071.91</b>	94052H100-005 <b>1056.81</b>	95052H100-005 <b>1139.67</b>	552
<b>1/2 Air to Spring</b>	91152J100-005 <b>1528.60</b>	93152J100-005 <b>1103.43</b>	94052J100-005 <b>1088.36</b>	95052J100-005 <b>1171.21</b>	552
<b>3/4 Air to Air</b>	91152H100-007 <b>1370.55</b>	93152H100-007 <b>1378.25</b>	94052H100-007 <b>1359.08</b>	95052H100-007 <b>1436.63</b>	552
<b>3/4 Air to Spring</b>	91152J100-007 <b>1550.23</b>	93152J100-007 <b>1425.58</b>	94052J100-007 <b>1406.37</b>	95052J100-007 <b>1483.93</b>	552
<b>1 Air to Air</b>	91152H100-010 <b>1512.57</b>	93152H100-010 <b>1523.21</b>	94052H100-010 <b>1500.82</b>	95052H100-010 <b>1598.67</b>	552
<b>1 Air to Spring</b>	91152J100-010 <b>1563.02</b>	93152J100-010 <b>1573.68</b>	94052J100-010 <b>1551.29</b>	95052J100-010 <b>1649.13</b>	552
<b>1-1/4 Air to Air</b>	91152H100-012 <b>2416.81</b>	93152H100-012 <b>2447.60</b>	94052H100-012 <b>2399.67</b>	95052H100-012 <b>2471.12</b>	552
<b>1-1/4 Air to Spring</b>	91152J100-012 <b>2498.82</b>	93152J100-012 <b>2529.61</b>	94052J100-012 <b>2481.69</b>	95052J100-012 <b>2553.13</b>	552
<b>1-1/2 Air to Air</b>	91152H100-015 <b>2426.71</b>	93152H100-015 <b>2455.98</b>	94052H100-015 <b>2410.43</b>	95052H100-015 <b>2605.76</b>	552
<b>1-1/2 Air to Spring</b>	91152J100-015 <b>2508.73</b>	93152J100-015 <b>2538.00</b>	94052J100-015 <b>2492.45</b>	95052J100-015 <b>2687.76</b>	552
<b>2 Air to Air</b>	91152H100-020 <b>2715.22</b>	93152H100-020 <b>2746.94</b>	94052H100-020 <b>2697.08</b>	95052H100-020 <b>2921.57</b>	552
<b>2 Air to Spring</b>	91152J100-020 <b>2806.69</b>	93152J100-020 <b>2838.42</b>	94052J100-020 <b>2788.56</b>	95052J100-020 <b>3013.02</b>	552
<b>2-1/2 Air to Air</b>	---	---	---	95052H100-025 <b>4046.33</b>	552
<b>2-1/2 Air to Spring</b>	---	---	---	95052J100-025 <b>4651.91</b>	552
<b>3 Air to Air</b>	---	---	---	95052H100-030 <b>5217.69</b>	552
<b>3 Air to Spring</b>	---	---	---	95052J100-030 <b>6170.23</b>	552
<b>4 Air to Air</b>	---	---	---	95052H100-040 <b>6905.05</b>	552
<b>4 Air to Spring</b>	---	---	---	95052J100-040 <b>7397.12</b>	552

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.





**Actuated Valves**  
**Premium Actuated Diaphragm Valve - Pneumatic**

**CPVC - FKM O-ring and EPDM Backed PTFE Diaphragm**

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
<b>1/2 Air to Air</b>	91252H100-005 <b>1092.87</b>	93252H100-005 <b>1098.23</b>	---	---	552
<b>1/2 Air to Spring</b>	91252J100-005 <b>1124.42</b>	93252J100-005 <b>1129.78</b>	---	---	552
<b>3/4 Air to Air</b>	91252H100-007 <b>1387.78</b>	93252H100-007 <b>1395.47</b>	---	---	552
<b>3/4 Air to Spring</b>	91252J100-007 <b>1435.08</b>	93252J100-007 <b>1442.78</b>	---	---	552
<b>1 Air to Air</b>	91252H100-010 <b>1532.48</b>	93252H100-010 <b>1549.60</b>	---	---	552
<b>1 Air to Spring</b>	91252J100-010 <b>1582.95</b>	93252J100-010 <b>1600.05</b>	---	---	552
<b>1-1/4 Air to Air</b>	91252H100-012 <b>2439.35</b>	93252H100-012 <b>2456.46</b>	---	---	552
<b>1-1/4 Air to Spring</b>	91252J100-012 <b>2521.38</b>	93252J100-012 <b>2538.45</b>	---	---	552
<b>1-1/2 Air to Air</b>	91252H100-015 <b>2464.17</b>	93252H100-015 <b>2493.43</b>	---	---	552
<b>1-1/2 Air to Spring</b>	91252J100-015 <b>2546.16</b>	93252J100-015 <b>2575.43</b>	---	---	552
<b>2 Air to Air</b>	91252H100-020 <b>2792.25</b>	93252H100-020 <b>2825.56</b>	---	---	552
<b>2 Air to Spring</b>	91252J100-020 <b>2883.71</b>	93252J100-020 <b>2917.02</b>	---	---	552

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.

**Actuated Valves**  
**Premium Actuated Diaphragm Valve - Pneumatic**



**Polypropylene - EPDM O-ring and EPDM Diaphragm**

Size	SR Thread	Flanged	Disc Code
1/2 Air to Air	93123H100-005 861.19	---	554
1/2 Air to Spring	93123J100-005 892.75	---	554
3/4 Air to Air	93123H100-007 1148.61	---	554
3/4 Air to Spring	93123J100-007 880.51	---	554
1 Air to Air	93123H100-010 1246.07	---	554
1 Air to Spring	93123J100-010 1296.54	---	554
1-1/4 Air to Air	93123H100-012 2076.16	---	554
1-1/4 Air to Spring	93123J100-012 2158.17	---	554
1-1/2 Air to Air	93123H100-015 2089.84	---	554
1-1/2 Air to Spring	93123J100-015 2171.87	---	554
2 Air to Air	93123H100-020 2364.49	---	554
2 Air to Spring	93123J100-020 2455.96	---	554
2-1/2 Air to Air	---	95023H100-025 2899.34	554
2-1/2 Air to Spring	---	95023J100-025 3504.91	554
3 Air to Air	---	95023H100-030 3785.01	554
3 Air to Spring	---	95023J100-030 4737.56	554
4 Air to Air	---	95023H100-040 5105.20	554
4 Air to Spring	---	95023J100-040 5597.23	554

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

**Polypropylene - FKM O-ring and EPDM Diaphragm**

Size	SR Thread	Flanged	Disc Code
1/2 Air to Air	93233H100-005 876.84	---	554
1/2 Air to Spring	93233J100-005 908.38	---	554
3/4 Air to Air	93233H100-007 1165.95	---	554
3/4 Air to Spring	93233J100-007 1213.27	---	554
1 Air to Air	93233H100-010 1265.99	---	554
1 Air to Spring	93233J100-010 1316.47	---	554
1-1/4 Air to Air	93233H100-012 2109.95	---	554
1-1/4 Air to Spring	93233J100-012 2191.89	---	554
1-1/2 Air to Air	93233H100-015 2124.07	---	554
1-1/2 Air to Spring	93233J100-015 2206.08	---	554
2 Air to Air	93233H100-020 2404.77	---	554
2 Air to Spring	93233J100-020 2496.24	---	554
2-1/2 Air to Air	---	95033H100-025 2969.35	554
2-1/2 Air to Spring	---	95033J100-025 3574.95	554
3 Air to Air	---	95033H100-030 3884.91	554
3 Air to Spring	---	95033J100-030 4837.43	554
4 Air to Air	---	95033H100-040 5243.57	554

**Polypropylene - FKM O-ring and EPDM Diaphragm**  
 (continued)

Size	SR Thread	Flanged	Disc Code
4 Air to Spring	---	95033J100-040 5735.61	554

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

**Polypropylene - EPDM O-ring and EPDM Backed PTFE Diaphragm**

Size	SR Thread	Flanged	Disc Code
1/2 Air to Air	93153H100-005 944.39	---	554
1/2 Air to Spring	93153J100-005 975.95	---	554
3/4 Air to Air	93153H100-007 1222.91	---	554
3/4 Air to Spring	93153J100-007 1270.21	---	554
1 Air to Air	93153H100-010 1389.31	---	554
1 Air to Spring	93153J100-010 1439.78	---	554
1-1/4 Air to Air	93153H100-012 2243.04	---	554
1-1/4 Air to Spring	93153J100-012 2325.07	---	554
1-1/2 Air to Air	93153H100-015 2273.83	---	554
1-1/2 Air to Spring	93153J100-015 2355.84	---	554
2 Air to Air	93153H100-020 2567.56	---	554
2 Air to Spring	93153J100-020 2659.01	---	554
2-1/2 Air to Air	---	95053H100-025 3281.33	554
2-1/2 Air to Spring	---	95053J100-025 3886.89	554
3 Air to Air	---	95053H100-030 4282.03	554
3 Air to Spring	---	95053J100-030 5234.57	554
4 Air to Air	---	95053H100-040 5666.87	554
4 Air to Spring	---	95053J100-040 6158.92	554

**Polypropylene - FKM O-ring and EPDM Backed PTFE Diaphragm SR Thread**

Size	SR Thread	Flanged	Disc Code
1/2 Air to Air	93253H100-005 956.07	---	554
1/2 Air to Spring	93253J100-005 987.62	---	554
3/4 Air to Air	93253H100-007 1237.08	---	554
3/4 Air to Spring	93253J100-007 1284.42	---	554
1 Air to Air	93253H100-010 1406.94	---	554
1 Air to Spring	93253J100-010 1457.40	---	554
1-1/4 Air to Air	93253H100-012 2265.52	---	554
1-1/4 Air to Spring	93253J100-012 2347.51	---	554
1-1/2 Air to Air	93253H100-015 2297.87	---	554
1-1/2 Air to Spring	93253J100-015 2379.87	---	554
2 Air to Air	93253H100-020 2595.34	---	554
2 Air to Spring	93253J100-020 2686.81	---	554



## Actuated Valves Electric Actuator Accessories

Contact Spears® for any desired accessories or functions not specified in the Accessory Selection Tables

The following accessories are for use on Spears® electric actuated Ball Valves, Butterfly Valves and Diaphragm Valves. Accessories are individually ordered separately and factory assembled with the selected Premium Actuated Valve Package. See important ordering instructions, *Ordering Premium Valve Packages with Accessory Add-ons*.

Accessory	Description	Accessory Part Number	Price Each Disc Code: 298
<b>Heater</b>	Heater/Thermostat - On 41°F, Off 60.8°F	A-H1	205.61
	Heater/Thermostat - On 62.6°F, Off 80.6°F	A-H2	185.03
<b>Auxilliary Limit Switches</b>	2-SPDT Limit Switch Set (1/2" shaft cam) <sup>1</sup>	A-LS1	184.44
	2-SPDT Limit Switch Set (3/8" shaft cam) <sup>1</sup>	A-LS2	184.44
	2-SPDT Limit Switch Set for Electric Spring Return	A-LS3	165.47
<b>Position Indicators</b>	LED Indicator Lights	A-P2	235.62
<b>Modulating Positioner Boards</b>	115 VAC 4-20 mA	A-PB1	1884.91
	115 VAC 0-5 VDC	A-PB2	1884.91
	115 VAC 0-10 VDC	A-PB3	1884.91
	230 VAC 4-20 mA	A-PB4	1884.91
	230 VAC 0-5 VDC	A-PB5	1884.91
	230 VAC 0-10 VDC	A-PB6	1884.91
	24 VAC 4-20 mA	A-PB7	1884.91
	24 VAC 0-5 VDC	A-PB8	1884.91
	24 VAC 0-10 VDC	A-PB9	1884.91
	24 VDC 4-20 mA	A-PB10	1884.91
	24 VDC 0-5 VDC	A-PB11	1884.91
	24 VDC 0-10 VDC	A-PB12	1884.91
	115 VAC 4-20 mA For Electric Spring Return Actuator	A-PB13	1970.15
<b>Transmitter</b>	4-20mA	A-T1	1383.00
<b>Torque Sensors</b>	Adjustable Electronic Torque Sensor	A-TS1	998.80
<b>Speed Controller</b>	Variable Speed Controller	A-SC1	655.89
<b>"2-Wire" Control (operates as solenoid valve)</b>	Control Relay Switch Setup 115 VAC- Normally Closed <sup>2</sup>	A-CR1	233.05
	Control Relay Switch Setup 115 VAC- Normally Open <sup>2</sup>	A-CR2	233.05
	Control Relay Switch Setup 24 VAC- Normally Closed <sup>2</sup>	A-CR3	233.05
	Control Relay Switch Setup 24 VAC- Normally Open <sup>2</sup>	A-CR4	233.05
	Control Relay Switch Setup 230 VAC- Normally Closed <sup>2</sup>	A-CR5	233.05
	Control Relay Switch Setup 230 VAC- Normally Open <sup>2</sup>	A-CR6	233.05
	Control Relay Switch Setup 12 VDC- Normally Closed <sup>2</sup>	A-CR7	233.05
	Control Relay Switch Setup 12 VDC- Normally Open <sup>2</sup>	A-CR8	233.05
	Control Relay Switch Setup 24 VDC- Normally Closed <sup>2</sup>	A-CR9	233.05
	Control Relay Switch Setup 24 VDC- Normally Open <sup>2</sup>	A-CR10	233.05
<b>Friction Brake</b>	Mechanical Brake <sup>3</sup>	A-FB1	387.21
<b>Lockout Switch</b>	Power disconnect switch activated when manual override is in use	A-LK1	268.76
<b>Battery Backup</b>	115VAC 7 AMP BATTERY BACK UP	A-BB4	4972.24
<b>ID Tag</b>	Type 316 Stainless Steel ID Tag 1/2" x 3" (3-lines, 12-characters & spaces)	TAG3-015	31.61

<b>Stem Extensions</b>	Ball Valve Stem Extension <sup>4</sup>	A-BVSE-xxx-000	Call for pricing
	True Union 2000 Ball Valve Stem Extension <sup>4</sup>	A-BVSE2-xxx-000	
	Butterfly Valve Stem Extension <sup>4</sup>	A-BFSE-xxx-000	
	Diaphragm Valve Stem Extension <sup>4</sup>	A-DESE-xxx-000	

- NOTES: 1 - The A-LS2 is used on 1/2" - 2" basic Ball Valve packages; A-LS1 used on all other sizes.  
 2 - "2-Wire" Control is not applicable to Diaphragm Valves.  
 3 - Friction Brake is standard on Butterfly Valves and not applicable to Diaphragm Valves.  
 4 - Stem Extension Part Numbers: Enter size code for "xxx" in part number. Replace "000" with desired length code in part number; length is from top of valve to bottom of actuator.

## Actuated Valves Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves



The following accessories are for use on Spears® pneumatic actuated Ball Valves and Butterfly Valves. See separate listing for pneumatic Diaphragm Valve accessories. Accessories are individually ordered separately and factory assembled with the selected Premium Actuated Valve Package. See important ordering instructions, *Ordering Premium Valve Packages with Accessory Add-ons*.

Accessory	Description	Accessory Part Number	Price Each Disc Code: 298
Pneumatic Positioners	3-15 psi NEMA 4 Flat-Top Indicator <sup>1</sup>	A-PP1	1485.40
	3-15 psi NEMA 4 Dome Indicator <sup>1</sup>	A-PP2	1598.11
	3-15 psi NEMA 4 Dome Indicator Integrated 2-SPDT Mech. Switches <sup>1</sup>	A-PP3	2197.71
Electro Pneumatic Positioners with Indicator	4-20mA NEMA 4 Flat-Top Indicator <sup>1</sup>	A-EP1	3155.21
	4-20mA NEMA 4 Dome Indicator <sup>1</sup>	A-EP2	3267.76
	4-20 mA NEMA 4 Dome Indicator Integrated 2-SPDT Mech. Switches <sup>1</sup>	A-EP3	3450.99
	4-20mA NEMA 7 Flat-Top Indicator <sup>1</sup>	A-EP4	3549.60
	4-20mA Intrinsically Safe (CSA/UL) Flat-Top Indicator <sup>1</sup>	A-EP5	3599.48
	4-20mA NEMA 7 Dome Indicator <sup>1</sup>	A-EP6	3662.27
	4-20mA Intrinsically Safe w/2-SPST Proximity Switches <sup>1</sup>	A-EP22	3717.58
Solenoid Valves	3 & 4-way 115 VAC NEMA 4/4x	A-SV1	204.93
	3 & 4-way 230 VAC NEMA 4/4x	A-SV2	215.15
	3 & 4-way 24 VAC NEMA 4/4x	A-SV3	215.15
	3 & 4-way 12 VDC NEMA 4/4x	A-SV4	215.15
	3 & 4-way 24 VDC NEMA 4/4x	A-SV5	215.15
	3 & 4-way 115 VAC NEMA 4/4x/7/9	A-SV6	435.46
	3 & 4-way 230 VAC NEMA 4/4x/7/9	A-SV7	435.46
	3 & 4-way 24 VAC NEMA 4/4x/7/9	A-SV8	435.46
	3 & 4-way 12 VDC NEMA 4/4x/7/9	A-SV9	435.46
	3 & 4-way 24 VDC NEMA 4/4x/7/9	A-SV10	435.46
	Dual Coil 3 & 4-way 115 VAC NEMA 4/4x	A-SV11	358.56
	Dual Coil 3 & 4-way 230 VAC NEMA 4/4x	A-SV12	358.56
	Dual Coil 3 & 4-way 24 VAC NEMA 4/4x	A-SV13	358.56
	Dual Coil 3 & 4-way 12 VDC NEMA 4/4x	A-SV14	358.56
	Dual Coil 3 & 4-way 24 VDC NEMA 4/4x	A-SV15	358.56
	Dual Coil 3 & 4-way 115 VAC NEMA 7/9	A-SV16	747.93
	Dual Coil 3 & 4-way 230 VAC NEMA 7/9	A-SV17	747.93
	Dual Coil 3 & 4-way 24 VAC NEMA 7/9	A-SV18	747.93
	Dual Coil 3 & 4-way 12 VDC NEMA 7/9	A-SV19	747.93
	Dual Coil 3 & 4-way 24 VDC NEMA 7/9	A-SV20	747.93
	Stainless Steel 3 & 4-way 115 VAC NEMA 4/4x	A-SV21	891.27
	3-Way 24 VDC Hi Temperature (Class H) NEMA 4x	A-SV22	2554.60
	3 & 4-way 230 VAC NEMA 4/4x 1/2" NPT Din Connector	A-SV23	1144.97
Limit Switch & Transmitter Combination	4-20mA 2-SPDT NEMA 4/4x/7/9	A-LS20	1215.38
	4-20mA 2-SPDT NEMA 4/4x/7/9 w/ Visual Indicator	A-LS21	1280.98
	4-20mA 2-DPDT NEMA 4/4x/7/9	A-LS22	1445.27
	4-20mA 2-DPDT NEMA 4/4x/7/9 w/ Visual Indicator	A-LS23	1511.03
	4-20mA 2-Proximity NEMA 4/4x/7/9	A-LS24	1560.29
	4-20mA 2-Proximity NEMA 4/4x/7/9 w/ Visual Indicator	A-LS25	1612.23
Limit Switches	2-SPDT NEMA 4/4x	A-LS40	337.93
	2-SPDT NEMA 4/4x w/ Visual Indicator	A-LS41	394.19
	2-SPDT NEMA 4/4x w/ Green/Red Dome Indicator	A-LS41D	487.09
	NEMA 4/4x w/ Low Profile Indicator	A-LS41L	496.84
	2-DPDT NEMA 4/4x	A-LS42	558.48
	2-DPDT NEMA 4/4x w/ Visual Indicator	A-LS43	624.25
	2-Proximity NEMA 4/4x	A-LS44	673.37
	2-Proximity NEMA 4/4x w/ Low Profile Indicator (source power requires intrinsic safety barrier or amplifier).	A-LS44L	819.52
	2-Proximity NEMA 4/4x w/ Visual Indicator	A-LS45	739.12
	2-Proximity NEMA 7/9	A-LS46	771.92
	2-Proximity NEMA 7/9 w/ Visual Indicator	A-LS47	837.83
	2-Proximity NEMA 7/9 w/ Low Profile Indicator	A-LS47L	777.00
	2-SPDT NEMA 4/4x/7/9	A-LS48	555.76
	2-SPDT NEMA 4/4x/7/9 w/ Visual Indicator	A-LS49	492.74
	2-DPDT NEMA 4/4x/7/9	A-LS50	994.86
	2-DPDT NEMA 4/4x/7/9 w/ Visual Indicator	A-LS51	1059.87
4-SPDT NEMA 4/4x w/ 180° Indicator	A-LS52	557.13	
Transmitter	4-20mA Output Transmitter	A-PT1	4839.32
Indicator	Dome Indicator	A-V2	92.22
Pressure Gauge Set	Stainless steel case, 3-gauge set for use with positioners: 1 - input pressure gauge 0-30 psi, 2 - output gauges 0-160 psi	A-G1	701.33
	Plastic case, 3-gauge set for use with positioners: 1 - input pressure gauge 0-30 psi, 2 - output gauges 0-160 psi	A-G2	264.95



**Actuated Valves**  
**Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves**

Accessory	Description	Accessory Part Number	Price Each Disc Code: 298
Air Mufflers	Standard Sintered Bronze, 40 Micron, 1/8" NPT	A-M18	15.67
	Standard Sintered Bronze, 40 Micron, 1/4" NPT	A-M14	12.87
	Speed Control Muffler (Adjustable Air Flow) 1/8" NPT	A-M2V18	28.73
	Speed Control Muffler (Adjustable Air Flow) 1/4" NPT	A-M2V14	24.34
ID Tag	Type 316 Stainless Steel ID Tag 1/2" x 3" (3-lines, 12-characters & spaces)	TAG3-015	31.61
Stem Extensions	Ball Valve Stem Extension <sup>2</sup>	A-BVSE-xxx-000	Call for pricing
	True Union 2000 Ball Valve Stem Extension <sup>2</sup>	A-BVSE2-xxx-000	
	Butterfly Valve Stem Extension <sup>2</sup>	A-BFSE-xxx-000	

- NOTES: 1 - Pneumatic and Electro-Pneumatic positioners include brass gauges: 1 input gauge @ 0-30 psi and 2 output gauges @ 0-160 psi. Stainless steel gauges may be ordered separately.  
 2 - Stem Extension Part Numbers: Enter size code for "xxx" in part number. Replace "000" with desired length code in part number; length is from top of valve to bottom of actuator.

## Actuated Valves Pneumatic Actuator Accessories for Diaphragm Valves



The following accessories are for use on Spears® pneumatic actuated Diaphragm Valves only. See separate listing for Ball Valve and Butterfly Valve pneumatic accessories. Accessories are individually ordered separately and factory assembled with the selected Premium Actuated Valve Package. See important ordering instructions, *Ordering Premium Valve Packages with Accessory Add-ons*.

Accessory	Description	Accessory Part Number	Price Each Disc Code: 298
Pneumatic Positioners	3-15 psi NEMA 4x w/ Visual Indicator Top Loading (no gauge)	A-DPP1	4579.13
	3-15 psi NEMA 4x w/ Visual Indicator Top Loading w/ gauges (3)	A-DPP2	5183.53
	3-15 psi NEMA 4x w/ Visual Indicator Bottom Loading (no gauge)	A-DPP3	4579.14
	3-15 psi NEMA 4x w/ Visual Indicator Bottom Loading w/ gauges (3)	A-DPP4	5183.53
Electro Pneumatic Positioners	4-20mA (3-15 psi) NEMA 4x w/Visual Indicator (up to 2")	A-DEP1	8763.88
	4-20mA (3-15 psi) NEMA 4x w/Visual Indicator w/SS Gauges (up to 2")	A-DEP2	9368.28
	4-20mA (3-15 psi) NEMA 4x w/Visual Indicator (2-1/2" & up)	A-DEP3	8763.88
	4-20mA (3-15 psi) NEMA 4x w/Visual Indicator w/SS Gauges (2-1/2" & up)	A-DEP4	9368.28
3-Way Solenoid Valves	115 VAC NEMA 4/4x	A-DSV1	377.04
	230 VAC NEMA 4/4x	A-DSV2	377.04
	24 VAC NEMA 4/4x	A-DSV3	377.04
	12 VDC NEMA 4/4x	A-DSV4	377.04
	24 VDC NEMA 4/4x	A-DSV5	377.04
	115 VAC NEMA 4/4x/7/9	A-DSV6	581.96
	230 VAC NEMA 4/4x/7/9	A-DSV7	581.96
	24 VAC NEMA 4/4x/7/9	A-DSV8	581.96
	12 VDC NEMA 4/4x/7/9	A-DSV9	581.96
	24 VDC NEMA 4/4x/7/9	A-DSV10	581.96
4-Way Solenoid Valves	115 VAC NEMA 4/4x	A-DSV11	704.81
	230 VAC NEMA 4/4x	A-DSV12	704.81
	24 VAC NEMA 4/4x	A-DSV13	704.81
	12 VDC NEMA 4/4x	A-DSV14	704.81
	24 VDC NEMA 4/4x	A-DSV15	704.81
	115 VAC NEMA 4/4x/7/9	A-DSV16	987.82
	230 VAC NEMA 4/4x/7/9	A-DSV17	987.82
	24 VAC NEMA 4/4x/7/9	A-DSV18	987.82
	12 VDC NEMA 4/4x/7/9	A-DSV19	987.82
	24 VDC NEMA 4/4x/7/9	A-DSV20	987.82
Micro Limit Switches	2-SPDT NEMA 4 w/ 180° Visual Indicator <sup>1</sup>	A-DLS20	1140.31
	2-SPDT NEMA 7/9 w/ 180° Visual Indicator <sup>1</sup>	A-DLS25	2033.33
Proximity Limit Switches	2-SPDT NEMA 4/4X	A-DLS23	1840.67
Limit Switches	2-SPDT NEMA 4 <sup>2</sup>	A-DLS24	1327.14
Speed Controller	Variable Speed Controller	A-DPSC1	1142.29
ID Tag	Type 316 Stainless Steel ID Tag 1/2" x 3" (3-lines, 12-characters & spaces)	TAG3-015	31.61

Stem Extensions	Diaphragm Valve Stem Extension <sup>3</sup>	A-DPSE-xxx-000	Call for pricing
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- NOTES: 1 - Micro Limit Switches used on valve sizes 1/2" through 2".  
 2 - Limit Switches used on valve sizes 2-1/2" & larger  
 3 - Stem Extension Part Numbers: Enter size code for "xxx" in part number. Replace "000" with desired length code in part number; length is from top of valve to bottom of actuator.



# Actuated Valves Valve Actuation Questionnaire Checklist Butterfly Valves



**Contact Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Business Name:** \_\_\_\_\_  
**City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Country:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_  
**Project Name:** \_\_\_\_\_

<b>Butterfly Valves: System Media Pressure (Required)</b> psi _____ kPa _____ Bar _____ <b>Nominal Size</b> in _____ mm _____ cm _____ <b>Valve Quantity Each</b> _____	
<b>Butterfly Valve Type :</b> Standard <input type="checkbox"/> Tandem Diverting <input type="checkbox"/> True Lug <input type="checkbox"/> Tandem Three Way <input type="checkbox"/> Pool Valve <input type="checkbox"/> Wafer <input type="checkbox"/> (Tandem 3-Way Orientation Document Required) Other Valve Type <input type="checkbox"/> _____	
<b>Body Material :</b> PVC <input type="checkbox"/> Polypropylene <input type="checkbox"/> CPVC <input type="checkbox"/>	
<b>O-ring Seals :</b> Buna-N <input type="checkbox"/> EPDM <input type="checkbox"/> FKM <input type="checkbox"/> Other <input type="checkbox"/> (If Other Explain) _____	
<b>Lug Materials :</b> SS316 <input type="checkbox"/> Zinc <input type="checkbox"/>	
<input type="checkbox"/> Other Information: _____	

  

<p><b>Pneumatic</b> <input type="checkbox"/>    Not all combinations may be available.</p> <p><b>FailSafe Type</b> - (Position to which valve cycles upon air loss)  <input type="checkbox"/> Double Acting (No FailSafe. Stays in last activated position)  <input type="checkbox"/> Spring Return - Close (FailSafe in closed position upon air loss)  <input type="checkbox"/> Spring Return - Open (FailSafe in open position upon air loss)  <input type="checkbox"/> Other: _____</p> <p><b>Operating Air Pressure (psi)</b> - (Compressed air supply required to operate actuator)  <input type="checkbox"/> 80-150    <input type="checkbox"/> Other: _____</p> <p><b>Override Type</b> - (Override used to cycle valve upon air loss)  <input type="checkbox"/> Basic    <input type="checkbox"/> Declutchable    <input type="checkbox"/> Other: _____</p> <p><b>Aux. Limit Switches</b> - (Additional mechanical switches to operate external lights, alarms etc. (set of 2))  <input type="checkbox"/> SPDT - Mechanical    <input type="checkbox"/> SPDT - Proximity    <input type="checkbox"/> DPDT - Mechanical                  Voltage Signal Type    Specify Voltage: _____</p> <p><b>Visual Indicator</b> - (Provides local visual valve position indication)  <input type="checkbox"/> Low Profile    <input type="checkbox"/> Dome</p> <p><b>Positioner Type</b> - (Positioner accepts an input signal from PLC to control valve cycle).  <input type="checkbox"/> <b>Pneumatic Positioner</b> (Air supply required to operate valve)                  Signal Pressure - (Air pressure required to position the valve)  <input type="checkbox"/> 3-15 psi    <input type="checkbox"/> Other: _____  <input type="checkbox"/> <b>Electro-Pneumatic Positioner</b> (Air and voltage supply required to operate)                  Signal Voltage Input    <input type="checkbox"/> 4-20mA    <input type="checkbox"/> 0-10 VDC    <input type="checkbox"/> Other: _____  <input type="checkbox"/> With Transmitter - (Sends output signal to PLC to provide valve position)                  Transmitter Output    <input type="checkbox"/> 4-20mA    <input type="checkbox"/> 0-10 VDC    <input type="checkbox"/> Other: _____  <b>NEMA Rating</b> - (Enclosure rating indicates level of ingress protection from fluids, solids and gases)  <input type="checkbox"/> 4    <input type="checkbox"/> 4x    <input type="checkbox"/> Other: _____</p> <p><b>Solenoid Valve</b> - (Regulates actuator intake/exhaust air supply)  <input type="checkbox"/> 3 &amp; 4 Way    <input type="checkbox"/> Dual Coil (Double Acting Actuators only)    <input type="checkbox"/> Other: _____</p> <p><b>Solenoid Valve Voltage</b>  <input type="checkbox"/> 115 VAC    <input type="checkbox"/> 230 VAC    <input type="checkbox"/> Other: _____</p> <p><b>NEMA Rating</b> - (Enclosure rating indicates level of ingress protection from fluids and solids)  <input type="checkbox"/> 4    <input type="checkbox"/> 4x    <input type="checkbox"/> Other: _____</p> <p><input type="checkbox"/> <b>Other Options:</b>                  _____</p>	<p><b>Electric</b> <input type="checkbox"/>    Not all combinations may be available.</p> <p><input type="checkbox"/> Basic Two Position    (90 Degree Travel Standard)</p> <p><b>FailSafe Position</b> (if required)  <input type="checkbox"/> Fail Open - Open (FailSafe in open position upon power loss)  <input type="checkbox"/> Fail Close - Close (FailSafe in closed position upon power loss)  <small>Note: On "Fail Safe" options two positions ONLY Override Not Recommended.</small></p> <p><b>Voltage Supply Power:</b>  <input type="checkbox"/> 115 VAC    <input type="checkbox"/> 230 VAC    <input type="checkbox"/> Other: _____</p> <p><b>Frequency</b>    <input type="checkbox"/> 50 Hertz    <input type="checkbox"/> 60 Hertz</p> <p><b>Phase</b>    <input type="checkbox"/> Single    <input type="checkbox"/> Three</p> <p><b>Override Type</b> - (Override used to cycle valve upon power loss)  <input type="checkbox"/> Basic    <input type="checkbox"/> Declutchable    <input type="checkbox"/> Other: _____</p> <p><b>Duty Cycle</b> (Amount of work valve can accomplish before requiring rest)  <input type="checkbox"/> 25%    <input type="checkbox"/> 75%    <input type="checkbox"/> Other/Min. Requirement: _____</p> <p><b>NEMA Rating</b> - (Enclosure rating indicates level of ingress protection from fluids and solids)  <input type="checkbox"/> 4    <input type="checkbox"/> 4x    <input type="checkbox"/> Other: _____</p> <p><b>Positioner Type</b> - (Positioner accepts an input signal from PLC to control valve cycle)  <input type="checkbox"/> <b>Positioner with Transmitter</b>                  Signal Input    <input type="checkbox"/> 4-20mA    <input type="checkbox"/> 0-10 VDC    <input type="checkbox"/> Other: _____  <b>Transmitter</b> - (Sends output signal to PLC to provide valve position)                  Signal Output    <input type="checkbox"/> 4-20mA    <input type="checkbox"/> 0-10 VDC    <input type="checkbox"/> Other: _____  <input type="checkbox"/> <b>Positioner - NO Transmitter</b>                  Signal Input    <input type="checkbox"/> 4-20mA    <input type="checkbox"/> 0-10 VDC    <input type="checkbox"/> Other: _____</p> <p><b>Auxiliary Limit Switches</b> (Additional mechanical switches to operate external lights, alarms etc.)  <input type="checkbox"/> 2    <input type="checkbox"/> 4    (Set of 2 each)</p> <p><b>Standard Accessories - All options not available in all actuator combinations</b>  <input type="checkbox"/> Torque Sensor    <input type="checkbox"/> Torque Sensor  <input type="checkbox"/> Battery Backup    <input type="checkbox"/> LED Indicating Lights (red /green)  <input type="checkbox"/> Speed Control    <input type="checkbox"/> 2 Wire Control Relay  <input type="checkbox"/> Heater &amp; Thermostat    <input type="checkbox"/> [On @ 41F] [Off @ 60.8F]    <input type="checkbox"/> [On @ 69.8F] [Off @ 89.6F]  <input type="checkbox"/> [On @ 62.6F] [Off @ 80.6F]</p> <p><input type="checkbox"/> <b>Other Options:</b>                  _____</p>
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## Actuated Valves Valve Actuation Questionnaire Checklist Diaphragm Valves

**Contact Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Business Name:** \_\_\_\_\_  
**City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Country:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_  
**Project Name:** \_\_\_\_\_

<b>Diaphragm Valves: System Media Pressure (Required)</b>		psi _____	kPa _____	Bar _____	<b>Valve Quantity Each</b>
<b>Nominal Size</b>		in _____	mm _____	cm _____	_____
<b>Diaphragm Valve Type:</b>		<b>Body Material:</b>		<b>End Connector O-rings 1/2" - 2":</b>	
<input type="checkbox"/> EPDM <input type="checkbox"/> FKM <input type="checkbox"/> PTFE/FKM <input type="checkbox"/> PTFE/EPDM <input type="checkbox"/> Other Valve Type: _____		<input type="checkbox"/> PVC <input type="checkbox"/> CPVC <input type="checkbox"/> Low-Extractable PVC <input type="checkbox"/> Polypropylene		<input type="checkbox"/> EPDM <input type="checkbox"/> FKM <input type="checkbox"/> PTFE/FKM <input type="checkbox"/> PTFE/EPDM <input type="checkbox"/> Other <b>(If Other Explain)</b> _____	
				<b>End Connector:</b> <input type="checkbox"/> Socket <input type="checkbox"/> SR Threaded <input type="checkbox"/> Flange <input type="checkbox"/> Spigot	
<input type="checkbox"/> Other information: _____					

**Not all combinations may be available.**

**Unitized Pneumatic**

**Pneumatic**

**FailSafe Type** - (Position to which valve cycles upon air loss)

Double Acting (No FailSafe. Stays in last activated position)

Spring Return - Close (FailSafe in closed position upon air loss)

Spring Return - Open (FailSafe in open position upon air loss)

Other: \_\_\_\_\_

**Operating Air Pressure (psi)** - (Compressed air supply required to operate actuator)

80-116  Other: \_\_\_\_\_

**Override Type** - (Override used to cycle valve upon air loss. Not available in sizes 1/2" - 2")

Basic  Declutchable  Other: \_\_\_\_\_

**Aux. Limit Switches** - (Additional mechanical switches to operate external lights, alarms etc. (set of 2))

SPDT- Mechanical  SPDT - Proximity  DPDT - Mechanical

Voltage Signal Type: Specify Voltage: \_\_\_\_\_

**Visual Indicator** - (Provides local visual valve position indication)

Low Profile  Dome

**Positioner Type** - (Positioner accepts an input signal from PLC to control valve cycle).

**Pneumatic Positioner** (Air supply required to operate valve)

Signal Pressure - (Air pressure required to position the valve)

3-15 psi  Other: \_\_\_\_\_

**Electro-Pneumatic Positioner** (Air and voltage supply required to operate)

Input  4-20mA  0-10 VDC  Other: \_\_\_\_\_

**With Transmitter** - (Sends output signal to PLC to provide valve position)

Transmitter Output  4-20mA  0-10 VDC  Other: \_\_\_\_\_

**NEMA Rating** - (Enclosure rating indicates level of housing ingress protection from fluids and solids)

4  4x  Other: \_\_\_\_\_

**Solenoid Valve** - (Regulates actuator intake/exhaust air supply)

3 way (Air-to-Spring)  4 way (Double Acting Actuators only)  Other: \_\_\_\_\_

**Solenoid Valve Voltage**

115 VAC  230 VAC  Other: \_\_\_\_\_

**NEMA Rating** - (Enclosure rating indicates level of ingress protection from fluids, solids and gases)

4  4x  Other: \_\_\_\_\_

**Other Options:**

\_\_\_\_\_

**Not all combinations may be available.**

**Electric Multi Turn**

**Voltage Supply Power:**

115 VAC  230 VAC  Other: \_\_\_\_\_

**Frequency**  50 Hertz  60 Hertz

**Phase**  Single  Three

**Override Type** - (Override used to cycle valve upon power loss)

Basic  Declutchable  Other: \_\_\_\_\_

**Duty Cycle** (Amount of work valve can accomplish before requiring rest)

25%  75%  Other: \_\_\_\_\_

**NEMA Rating** - (Enclosure rating indicates level of ingress protection from fluids and solids)

4  4x  Other: \_\_\_\_\_

**Positioner Type** - (Positioner accepts an input signal from PLC to control valve cycle)

**Positioner with Transmitter**

Signal Input  4-20mA  0-10 VDC  Other: \_\_\_\_\_

**Transmitter** - (Sends output signal to PLC to provide valve position)

Signal Output  4-20mA  0-10 VDC  Other: \_\_\_\_\_

**Positioner - NO Transmitter**

Signal Input  4-20mA  0-10 VDC  Other: \_\_\_\_\_

**Auxiliary Limit Switches** (Additional mechanical switches to operate external lights, alarms etc.)

2  4 (Set of 2 each)

**Standard Accessories - All options not available in all actuator combinations**

Torque Sensor

Battery Backup  LED Indicating Lights (red / green)

Speed Control  2 Wire Control Relay

Heater & Thermostat  [On @ 41F] [Off @ 60.8F]  [On @ 69.8F] [Off @ 89.6F]

[On @ 62.6F] [Off @ 80.6F]

**Other Options:**

\_\_\_\_\_

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